

College of Engineering and Computer Science

These internal scholarships have been established to assist students majoring in programs offered by the College of Engineering and Computer Science (ECS). These scholarships are made possible by the generosity of donors that wish to support the academic endeavors and professionalization of ECS students. The number of awards available and the amount of each award is subject to change based on donor specified criteria and available funding.

Many professional organizations and business corporations offer state and national scholarships to engineering and computer science students. Information about scholarships and fellowships not listed here can be obtained from: <http://www.fullerton.edu/financialaid/general/scholarships.php>.

Application Procedure: The online application opens January 4, 2023. To access the application, log into your CSUF portal and click on the "Scholarships" app on the left hand side. Follow the onscreen instructions and complete the CALIFORNIA STATE UNIVERSITY - FULLERTON SCHOLARSHIP & AWARD APPLICATION Academic Year 2023 - 2024. Only one application submission is needed in order to be matched based on eligibility requirements for each scholarship. Some scholarships require additional essays or documentation to upload. Please review the list below for specific details for each scholarship and include all documentation in your one submission. Incomplete applications are not considered and follow-up for missing documents is not possible.

Application Deadline for All Scholarships in this Bulletin: Friday, March 10, 2023

Award Notification Procedure: For all internal scholarships, the notification process includes a notification only to the selected recipient of the scholarship. The expected date of notification is by the end of May with awards being processed for the 2023-2024 academic year.

Questions? Inquiries about these specific internal ECS scholarship opportunities can be submitted to the ECS Dean's Office at the following e-mail address: ecsscholarships@fullerton.edu.

Boeing Scholarship

Amount: \$2,500 (5 scholarships awarded)

Established by: Boeing to increase scholarship opportunities for students demonstrating academic promise and engagement in the College of Engineering and Computer Science (ECS). A \$2,500 scholarship will be awarded to 5 students.

Open to: Undergraduate students in ECS with a Sophomore, Junior, or Senior status. Seniors must be at least 3 semesters away from completing their degree.

Criteria: Achieved and expected to maintain a 3.0 GPA or better. Must be an undergraduate student in ECS with a Sophomore, Junior, or Senior status. Seniors must be at least 3 semesters away from completing their degree. Students will be selected based on various factors including academic record and promise, student/community engagement, and/or demonstrated financial need.

Application Procedure: Submit an essay describing your academic achievements to date, any financial obstacles, and participation in extracurricular or cocurricular activities that support your academic, personal, and professional growth.

ECS Dean's Scholarship

Amount: up to \$1,000 (4 scholarships awarded)

Established by: In recognition of the diversity and financial support needed by students in the College of Engineering and Computer Science, Dean Susamma Barua established the ECS Dean's Scholarship in Spring 2019 to acknowledge the academic scholarship, student engagement, and contributions made by ECS students to the campus community.

Open to: This scholarship is open to continuing full-time undergraduate and graduate students in programs within the College of Engineering and Computer Science.

Criteria: Minimum 3.0 CSUF & Cumulative GPA ♦ Leadership ♦ Impact to the College or campus community ♦ Demonstrated engagement in professional and academic development activities

ECS Dean's Diversity, Equity, & Inclusion (DEI) Scholarship

Amount: up to \$1,000 (2 scholarships awarded)

Established by: Dean Susamma Barua established the ECS Dean's Diversity, Equity, and Inclusion Scholarship in Spring 2021 in recognition of the contributions ECS students make in the area of diversity, equity, and inclusion. This scholarship supports ECS students that demonstrate active contributions to diversity, equity, or inclusion initiatives, in the area(s) of racial or ethnic diversity, sexual orientation or gender identity, disability, veteran status, first-generation status, efforts to support marginalized communities and/or other areas underrepresented or otherwise important to diversity, equity, and inclusion.

Open to: This scholarship is open to continuing full-time undergraduate and graduate students in programs within the College of Engineering and Computer Science.

Application Procedure: Please upload an essay explaining your contributions to diversity, equity, inclusion within your local community, at CSUF, or within the CSUF College of Engineering and Computer Science. In addition, please submit your resume showcasing any volunteer, co-curricular, employment, or internship experiences supporting diversity, equity, and inclusion efforts.

Criteria: Minimum undergrad 2.5 CSUF & Cumulative GPA and 3.0 GPA for Graduate students ♦ Leadership ♦ Impact to the College or campus community ♦ Demonstrated engagement in professional and academic development activities

Emmett D. Burnett Memorial Scholarship

Amount: up to \$750 (1 scholarship awarded)

Established by: Birthe E. Burnett to honor the memory of her husband, Emmett D. Burnett, a division manager for the Ground Systems Group of Hughes Aircraft Company who helped to develop a close relationship between Hughes Aircraft Company (now Raytheon) and Cal State Fullerton.

Open to: This scholarship is open to new or continuing full-time Engineering and Computer Science majors who have achieved sophomore status or beyond.

Criteria: 3.25 GPA ♦ Scholastic achievement ♦ Leadership ♦ Demonstrated academic potential in engineering or computer science

Fieldhouse Rising Memorial Scholarship

Amount: Up to \$1,000 (1 scholarship awarded)

Established by: This scholarship was established in memory of Christopher Fields, MLHR. Christopher was an HR Industry Consultant, Writer, and Speaker who founded Resume Crusade. He was deeply respected and well-loved by his family, friends and colleagues. Chris maintained a deep commitment to freedom of expression beyond the bounds of race, gender identity, and societal economic factors. He founded space for the celebration of diversity through his website, "Performance I Create: The Defiant Ones," which provided an avenue for anonymous expression through writing. He often cited, "Freedom is a beautiful thing." Christopher assisted in the employment of others through his dedication to learning about every aspect of hiring in order to give the job seekers he helped the best chance to pursue the job of their dreams. He was a strong proponent and supporter of Black Girls Code.

Open To: This scholarship is open to a continuing student actively working to promote diversity and inclusion in STEM through their work, writing, or on-campus activities. Open to all continuing students, those participating in Women in Computer Science and Engineering (WiCSE), ACM, ACM-W, NSBE, MAES/SHPE are encouraged to engage with this opportunity.

Criteria: 3.0 GPA, full-time enrollment, commitment to diversity and inclusion

Application Procedure: (1) Within the application essay clearly describe what diversity and inclusion means to your career goals after graduation and your plan to achieve these goals 2) Obtain two letters of recommendation.

Friends of the Park – College of ECS

Amount: up to \$2,000 (1 scholarship awarded)

Established by: Darrell '85 and Vicky Jodoin established the Friends of the Park College of ECS scholarship to honor the opportunities afforded them by the education Darrell received in the College of Engineering and Computer Science and in recognition of the long-standing partnership between Cal State Fullerton and Disneyland Resort.

Open to: This scholarship is open to new or continuing full-time College of ECS majors who pursue their education with purpose, creativity, and passion to create opportunities for themselves and others.

Criteria: 2.9 GPA ♦ Financial need ♦ Demonstrated academic potential in any ECS major ♦ First generation college student

Purpura Engineering and Computer Science Scholarship

Amount: up to \$1,500 (1 scholarship awarded)

Established by: This scholarship is established by William & Paula Purpura to commemorate Paula's 40-year career in Software Engineering. Paula intends this scholarship to support outstanding students, involved in clubs on campus and who show great promise through leadership and professional ambition.

Open to: The scholarship is open to continuing full-time students in engineering or computer science major who are members of ACM-W, SWE, or WiCSE.

Criteria: 3.5 GPA or better ♦ Outstanding potential and/or achievement in an engineering or computer science discipline and leadership qualities.

Purpura Internship Scholarship

Amount: up to \$1,500 (1 scholarship awarded)

Established by: This scholarship was established by William and Paula Purpura to acknowledge students who have excelled in preparing themselves for success in the workforce through developing a strong resume, interviewing and networking skills.

Open to: The scholarship is open to continuing and full-time students in engineering and computer science who have successfully secured at least one industry internship (in the engineering or computer science sectors) and who show tremendous personal drive to prepare for a career in industry.

Criteria: Strong resume ♦ Currently working in an industry internship in the engineering or computer science fields ♦ Proven leadership.

Application Procedure: Please upload a copy of your current resume and include information about your internship in your personal statement or as an attachment when submitting your application.

Computer Science Majors Only

John Browning Memorial Scholarship

Amount: up to \$1,000 (3 scholarships awarded)

Established by: This scholarship was established in memory of John Browning who, at the time of his death, was a high school junior with exceptional ability and interest in computers. Awards are given each spring to several students majoring in computer science.

Open to: This scholarship is open to continuing full-time undergraduate Computer Science majors.

Criteria: 2.5 GPA ♦ Computer Science Majors ♦ Scholastic achievement ♦ Financial need

Julian Togashi Living Legacy Endowed Scholarship

Amount: up to \$1,000 (1 scholarship awarded)

Established by: Zymo Research, the Togashi family, and friends established the Julian Togashi Living Legacy Endowed Scholarship in memory of Julian Togashi (1989-2017), a 2012 Magna Cum Laude Cal State Fullerton Computer Science Department graduate. Julian's own career began through an internship with Zymo Research while still a student at CSUF. He remained at Zymo for five years, until his death, where he rose from intern to IT Manager. Zymo Research offered Julian paths for his own advancement as well as opportunities to mentor others through internships and collaborative ventures. One of Julian's proudest moments was being offered the opportunity to return to CSUF as an Adjunct Professor in the Computer Science Department in the Fall Semester 2016. The Julian Togashi Living Legacy Endowed Scholarship was established to help promote the educational and career opportunities of young scholars who embody Julian's ideals, goals, and spirit. This scholarship endowment will allow Julian's greatest gift of mentorship to prosper in perpetuity.

Open to: This scholarship is open to new or continuing full-time Computer Science majors who show scholarly merit, a demonstrated commitment to mentorship, and a spirit of collaboration by elevating one's own opportunities through elevating the opportunities of others.

Criteria: 3.5 GPA ♦ Scholastic achievement ♦ Leadership ♦ Demonstrated academic potential in computer science

Engineering Majors Only

Eugene Birnbaum Scholarship

Amount: up to \$1,000 (2 scholarships awarded)

Established by: This scholarship was established by Eugene Birnbaum from the Eugene Birnbaum Scholarship Distribution fund.

Open to: This scholarship is open to enrolled engineering students who completed no less than one year or more than two years in the program and who are citizens of the U.S.

Criteria: Good Academic Standing ♦ Outstanding, High Merit (objective merit criteria may include grades, ranks within classes, examination scores, scores on national tests, patent, publications, or other similar observable and documentable accomplishments in the science or practice of engineering)

Application Procedure: Please upload an essay clearly describing your accomplishments and outstanding, high merit based on the following objective merit criteria: grades, ranks within classes, examination scores, scores on national tests, patent, publications, or other similar observable and documentable accomplishments in the science or practice of engineering.

Gene Haas Foundation Scholarship

Amount: \$1,000 (9 scholarships awarded)

Established by: Gene Haas Foundation to provide scholarship funding for engineering majors who are interested in manufacturing. This scholarship encourages these students to pursue careers in design and manufacturing. A \$1,000 scholarship will be awarded to 8 students.

Open to: 3.0 GPA or better ♦ Junior, Senior, or a Graduate student ♦ Engineering majors ♦ members of the Society of Automotive Engineers (SAE), American Society of Mechanical Engineers (ASME) or the Society of Manufacturing Engineers (SME)

Criteria: Maintain a 3.0 GPA or better. Must be an Undergraduate Junior or Senior, or a Graduate student in good standing. Demonstrated interest and aptitude for CAD CAM technology, CNC Machine Technology, and advanced manufacturing

Application Procedure: Submit an essay describing a demonstrated interest and aptitude for CAD CAM technology, CNC Machine Technology, and advanced manufacturing and involvement within Society of Automotive Engineers (SAE), American Society of Mechanical Engineers (ASME) or the Society of Manufacturing Engineers (SME) student organizations when submitting your complete application.

Civil and Environmental Engineering Majors Only

Dr. Pinaki Chakrabarti Scholarship in Civil and Environmental Engineering

Amount: up to \$1,000 (1 scholarship awarded)

Established by: This scholarship was established by Professor Emeritus Dr. Pinaki Chakrabarti and family and friends in recognition of his more than three decades of service, 12 as department chair, of the Civil and Environmental Engineering Department.

Open to: Open to continuing students in the Department of Civil and Environmental Engineering who are committed to entering a career in civil and environmental engineering.

Criteria: 3.0 GPA ♦ Scholastic achievement ♦ Professional promise

Mechanical Engineering Majors Only

Floyd W. Thomas Memorial Scholarship

Amount: up to \$500 (1 scholarship awarded)

Established by: This scholarship was established in memory of Dr. Floyd W. Thomas, professor of Mechanical Engineering for twenty years, who encouraged students to continue their education.

Open to: This award is open to continuing full-time upper division Mechanical Engineering majors.

Criteria: 2.5 GPA ♦ Scholastic achievement ♦ Financial need ♦ Professional promise

Friends of the Park

Amount: up to \$2,000 (1 scholarship awarded)

Established by: Darrell '85 and Vicky Jodoin established the Friends of the Park Engineering scholarship to honor the opportunities afforded them by the education Darrell received in the College of Engineering and Computer Science and in recognition of the long-standing partnership between Cal State Fullerton and Disneyland Resort.

Open to: This scholarship is open to new or continuing full-time Mechanical Engineering majors who pursue their education in the College of ECS with purpose, creativity, and passion to create opportunities for themselves and others.

Criteria: 2.9 GPA ♦ Financial need ♦ Demonstrated academic potential in Mechanical Engineering ♦ First generation college student

Joseph Emilio Licciardone Hero Foundation Scholarship

Amount: Up to \$4,000 (2 scholarships awarded)

Established by: Connie and Leo Licciardone through the Joseph Emilio Licciardone Hero Foundation (JELHF) to remember and continue the good works of son Joseph Licciardone (1994-2016). Joseph was a CSUF senior and Mechanical Engineering student when he died unexpectedly weeks short of his 22nd birthday. Joseph was excited by his engineering studies whether it was mathematics, science, design or putting it all together to make concepts real. In addition to his school work the CSUF campus stoked interests in soccer, physical well-being, music, and mentorship/tutoring both in school and in the local public-school district.

Open to: This scholarship is open to new or continuing full-time Mechanical Engineering majors who strive to master their major while finding and developing other interests for personal and societal enrichment.

Criteria: 2.0 GPA ♦ Commitment to excel in all endeavors ♦ Financial need ♦ Demonstrated academic potential in Mechanical Engineering

Application Procedure: In Joseph's memory, submit an essay describing the aspects of Mechanical Engineering that provides excitement in their studies, how the award will enable pursuit of a Mechanical Engineering career, grow non-ME interests, and improve the lives of others when submitting your complete application.

Lucas Aerospace Cargo Systems Scholarship in Mechanical Engineering Design

Amount: up to \$725 (1 scholarship awarded)

Established by: This scholarship was endowed by Lucas Aerospace Cargo Systems, and is awarded to a senior Mechanical Engineering major enrolled in the Capstone Project Class in Mechanical Design.

Open to: This scholarship is open to continuing Mechanical Engineering students planning to enroll in the Capstone Project Class in Mechanical Design (EGME 414) beginning in the fall semester, and will be awarded based on enrollment verification.

Criteria: Academic merit ♦ 3.0 GPA in upper division of ME class ♦ Financial need