

Francisco Lira

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OBJECTIVE:

To obtain an **Engineering Internship or Co-op** for **Summer/Spring of 2021** to help build brands that inspire passion and loyalty by implementing my abilities as a Computer Science Engineer.

EDUCATION:

University of California, Merced

*Bachelor of Science, Computer Science and Engineering
Minor, Applied Mathematics*

Expected Graduation Date: May 2022

Cumulative GPA: 3.20

SKILLS AND CERTIFICATIONS:

C language	Java	C ++	Simulink	Bilingual (Spanish)
Linux	MATLAB	Python	GIT	Swift

ENGINEERING EXPERIENCE AND PROJECTS:

Genesys Works I.T Internship
Intern

June 2017- July 2018

- Trouble shooted problems regarding application functionality and computer programming using java.
- Completed Daily IT tasks including Repairing, assembling and disassembling 5 computers a day. Used Microsoft Office in order to organize data that was used for a monthly design project created presentations and speeches daily to show progress.

Tiny House Project

August 2017 -August 2019

Electronic and Sponsorship Team Lead

- Worked effectively with 5 other peers to design and plan to construct a sustainable tiny house that can serve as an ideal factor that could possibly help reduce homelessness in San Jose. We created a 3D model and designed the electrical grid of the house. We were able to contact over 10 companies to sponsor us which totaled to almost 20k dollars in sponsorship.

Music Library IOS Application

August 2020 – Present

- The application has the functionality to access a song within your iTunes library depending on the genre that you chose. I was able to accomplish this by coding the app functionality using swift and designing the application's interface.

ORGANIZATIONS AND LEADERSHIP:

Society of Hispanic Professional Engineers (SHPE)

April 2020-Present

Project/Networking Chair

- Ingenieros Unidos allowed me to learn, adapt, perform, and grow the leader within by providing me with engineering opportunities outside of UC Merced.

Google's Hispanic Student Leadership Community Summit 2019 (Google Headquarters in Sunnyvale CA)

- Attended The Hispanic Student Leadership Community Summit in Google's headquarters in Sunnyvale. CA. It is a summit which was created as an effort to bring Latinx leaders together to share innovative and creative best practices with one another, as well as to collaborate with Google's Latinx leadership to benefit my university

Association for Computing Machinery Student Chapter at UC Merced (ACM) (07/2019 – Present)

- As a member of ACM, I participate in coding projects such as Hackathons and acquire skills such as using git and creating my own personal projects. Also contributed with coding help and mentoring peers.

Robotics Society of UC Merced (08/2019 – 01/2020)

- Created a food delivery robot by helping code a website for the project as well as installing the software in the robot using HTML, JavaScript and C++.

ACCOMPLISHMENTS:

Dean's Honor List 2018-2020