

NICOLE FELL

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University of California, Davis
Bachelor of Science in Electrical and Computer Engineering
Minors in Computer Science and Education

Expected Graduation: June 2021
GPA: 3.55

OBJECTIVE

Seeking a software engineering / application or web development position. I have a strong interest in user interface design and love creating applications that are intuitive and easy for people to use. I am especially interested in developing applications for the medical field, although I have a broad interest in a number of industries.

EXPERIENCE

FUN Event Solutions, Full Stack Application Developer *June 2020 – Present*

- Designing, developing, and testing an IOS based application for conducting wine tasting events at wineries and corporate events. Am responsible for all aspects of the solution including the user interface, backend application, and cloud-based database (Firebase) access. Learning to use Apple's development tools and environments and how to program using Swift and Swift UI.

UC Davis ECE Department, Academic Peer Advisor *September 2020 – Present*

- Advise students on their academic plan towards graduation and course selection. Developing strong communication skills and learning how to work with a diverse group of people and how I can best support and help them.

Saratoga Federated Church, Youth Group Intern/Volunteer *June 2018 – Present*

- Helping plan and organize summer camps and other youth ministry events. Developing organizational skills and managing teams of people.

Formula Racing at UC Davis *September 2019 – September 2020*

- Helped design and build an electric car for the formula SAE competition
- Gained experience working with CircuitMaker to design schematics and PCB boards. Learned how to work on a small project that contributed to a larger goal.

HackDavis 2020 *January 2020*

- Participated in an annual hackathon for social good. Worked with a diverse disciplined team to develop a website to provide resources for people looking to rejoin the workforce.

TECHNICAL SKILLS

MATLAB, Python, C, C++, Swift, HTML/CSS, JavaScript, SQL
AC and DC Circuit Analysis
PCB Design (part selection and layout)
Sorting, Searching, and graph algorithms
Divide-conquer, greedy, and dynamic programming design techniques
RISC-V Instruction Set
MS Office Suite (Excel, Word, PowerPoint)

ACTIVITIES

Outdoor Crew, UC Davis. Club that organizes outdoor events, primarily hiking and camping trips

Strong Interest in Design. Self-taught in sewing; Completed courses in Graphic Design, Fashion Design, and Environmental/Sustainable Design

Volunteering. Member of National Charity League for 6 years; Served students with special needs throughout High School; Participate in Serve Weeks through church and co-lead in Youth Ministry weekly.