

Paulian Le

SOFTWARE ENGINEER

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Education

University of California, Riverside

2020 - 2024

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

- **Relevant Coursework:** Data Structures and Algorithms, Web Development, Big Data & Database Management, Discrete Structures, Artificial Intelligence
- **Activities:** Cutie & Citrus Hack, Association for Computing Machinery, Women in Computing, Meta's Above and Beyond Computer Science Fellowship

Skills

Programming Languages: C++, JavaScript, HTML/CSS, TypeScript, Java, SQL

Frameworks & Libraries: Next.js, React.js, Tailwind CSS, Socket.IO

Databases & Cloud: MongoDB, Supabase (PostgreSQL), Vercel

Tools: Git/GitHub, Figma, Cypress, Trello, Jira

Experiences

University of California, Riverside

Sept 2023 - Jun 2024

SOFTWARE ENGINEER @ OMEGA INITIATIVE

Riverside, CA

- Co-led a 4-person team to build a **full-stack web app** centralizing fragmented air quality data, streamlining access for **50+ researchers**
- Defined **product roadmap** with stakeholders and delivered **25+ features** across **2 academic quarters**
- Built **20+ reusable Next.js/Tailwind components**, improving scalability and UI consistency
- Engineered an **ArcGIS-powered map** to display sensor locations, calculate AQI, and provide interactive popups with live pollutant data and historical trends

Cutie & Citrus Hack

Jun 2021 - Jul 2022

DIRECTOR OF OPERATIONS

Riverside, CA

- Organized **Inland Empire's largest hackathon series**, attracting **500+ participants** annually and awarding **\$25K+ in prizes**
- Led an **11-person cross-functional team** (marketing, sponsorship, web, and volunteer ops), coordinating logistics and streamlining communication for smooth execution
- Supported sponsorship outreach and partner communications, contributing to **\$50K in funding** from Amazon, Snapchat, and other major sponsors
- Built a **75+ person network** of judges, mentors, and industry professionals to run workshops and support participants

Leadership

Association for Computing Machinery (ACM@UCR)

Mar 2021 - Apr 2022

SECRETARY

- Revamped newsletters for **300+ members**, **boosting engagement by 60%** with career tips and event updates
- Increased **membership by 40%** by launching career-focused content on **Medium** and mentoring contributors
- **Highlights:** [Gen ACM Articles](#), [Professional Development Articles](#)

Projects

Personal Portfolio

FULL-STACK WEB APPLICATION - IN PROGRESS

- Built a **full-stack portfolio** with a **React** front end and **Supabase (PostgreSQL)** back end, featuring dynamic project pages and a functional contact form
- Developed secure, serverless **API endpoints** to manage content and enable seamless full-stack data flow
- Integrated **SQL database**, responsive design, and **Vercel** deployment for a polished, maintainable site

NOVO

FULL-STACK WEB APPLICATION - FRONT-END DEVELOPER

- Collaborated with a 4-person team to launch a **full-stack web app** connecting users through shared experiences
- Developed **20+ dynamic and reusable web components**, partnering closely with UI/UX designers to deliver a polished user experience
- Built out **profile customization** using **MongoDB** and **API integrations**, empowering users to tailor their in-app identity
- Implemented real-time chat with **Socket.IO**, significantly increasing engagement by enabling live communication