

Jakob Esperson

(916) 230-4176 • Rocklin, CA • jake.esperson@outlook.com • [linkedin.com/in/jake-esperson](https://www.linkedin.com/in/jake-esperson) • jakeesperson.com

EXPERIENCE

IT Support

June 2023 - Sept 2023

Khatami Law APC | Roseville, CA

- Developed Python script using computer vision to automate naming and transfer of scanned files based on client name, file type, and court status
- Resolved network and hardware issues for co-workers and clients in office and on-call
- Optimized client database by segmenting current and past clients, improving load times of various integral software by 50%+

File Clerk

Feb 2021 - June 2022

Khatami Law APC | Roseville, CA

- Led development of server software setup to automate back-up of 10,000+ cloud-based files daily
- Consulted with 50+ total clients on call and in person to ensure clear understanding of tasks between clients and co-workers
- Maintained and documented case file structure of thousands of physical documents for co-worker and client organization

PROJECTS

VirusVision

Feb 2024

SCU Hack for Humanity | Finalist

- Used React and deck.gl to create appealing and easy to use interface for visualization of disease and population data
- Collaborated with 2 highly experienced developers and mentored 3 beginner developers to promote learning and real-world application in a 24 hour period
- Created solutions to work around API malfunctions, relied on cached JSON data and other solutions to maintain display of real-time data

JetStream

Dec 2023

Seattle AWS INRIX Hack | Finalist

- Used React and deck.gl to create interactive 3D map to display points of interest and flight paths based on user input
- Collaborated with 3 other highly experienced developers to effectively share resources and split frontend and backend work in a 24 hour period
- Utilized 7 different APIs to gather data that included flight paths, driving and public transit routing and costs, and interactive map elements

INVOLVEMENTS

Workshop Coordinator

Apr 2023 - Present

Association of Computing Machinery | Santa Clara, CA

- Developed and directed workshops to instruct peers on relevant technologies
- Organized industry professionals to judge hackathon projects for Hack for Humanity 2023 (300+ attended), INRIX Hack 2023 (250+ attended), and Hack for Humanity 2024 (300+ attended)
- Provided feedback on weekly events to improve quality of speakers, presentation, and topics

EDUCATION

Santa Clara University | Bachelor of Science in Computer Science and Engineering

Expected June 2026

- **Relevant Coursework:** Advanced Data Structures, Computer Architecture, Object-Oriented Programming, Logic Design, Calculus and Analytical Geometry
- **Organizations:** Association of Computer Machinery, Theta Tau Professional Engineering Fraternity, Club Baseball

SKILLS

Languages: C/C++, Python, HTML/CSS, JavaScript, SQL, Ruby

Frameworks: Frontend - React, Vue, TailwindCSS | Backend - MSFT SQLServer, Node.js, Flask, REST APIs

Tools: Git, GitHub, Vercel, Figma, Postman, AWS, Slack, Trello, Zoom

Interests: UI/UX, Machine Learning, Video Game Design, Computer Hardware, Video Editing, Baseball, Hiking, Musical Theater