

Jakob Esperson

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EXPERIENCE

IT Support

June 2023 - Sept 2023

Khatami Law APC | Roseville, CA

- Developed Python script 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

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
- Utilized 7 different APIs to gather data that included flight paths, driving and public transit routing and costs, and interactive map elements

Parking++

Nov 2023

SCU AWS INRIX Hack

- Used Vue and Figma to create visually-appealing and functional front-end along with a Flask proxy API back-end to query INRIX and Google Maps APIs
- Mentored 4 first-time hackathon participants out of team of 6 to learn technologies such as Git and JavaScript
- Worked with resources given by Amazon Web Services to host website and proxy API for public viewing and use

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 4 Humanity 2023 (300+ attended) and INRIX Hack 2023 (250+ 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

C/C++ | Python | HTML/CSS | JavaScript | React | SQL | Flask | APIs | Slack | Trello | Zoom