

Jason Kalili

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Motivated software engineer with experience from internships and multiple academic projects seeking internship or FTE opportunities. Scrappy and resourceful with a deep passion for technology. Effective communicator with experience teaching engineering concepts to young students. Class of 2022 Computer Science graduate with master's expected in 2023.

EDUCATION

BS, Computer Science, Loyola Marymount University - Los Angeles, CA (2022)

- LMU Arrupe Scholarship (2018-22), Dean's List, Phi Delta Theta

MS, Computer Science, Loyola Marymount University - Los Angeles, CA (expected May 2023)

PROJECTS

- [FitCheck](#) - Front-end lead and contributed to full stack development for a mobile app that encourages fashion sense and community involvement. Implemented features for authentication, state persistence, camera/gallery functionality, photo/text/data processing, and data storage. (ReactJS, React Native, Expo, Google Firebase)
- [Midi-Chlorian](#) - Served as developer and designer of a Star Wars-inspired programming language consisting of nine separate components. Implemented 5 primitive types, 2 object types, 15 operations, and 11 distinct functions with 100% coverage. (JavaScript, Node.js, Ohm, MochaJS)
- [Poli-Talk](#) - Team Lead/Designer of a mobile app/video chat tool aimed to depolarize politics. (ReactJS, React Native, Expo)
- [Cinquel](#) - Created a graph-centric database built on Neo4j populated with 5k data points from the TMDB data set. Developed Python scripts to load PostgreSQL, MongoDB, and Neo4j database structures with 4.9k entries. Built full-CRUD functionality with Python scripts for three unique database systems. Optimized queries and improved access speed 150% by implementing search indexing. (Python, PostgreSQL, MongoDB, Neo4j)

EXPERIENCE

Computer Science Instructor, Nova Academy

Oct 2021 - Present

Nova Academy is an education network.

- Curated and taught a curriculum covering basic programming topics and fundamental engineering skills to ignite STEM interest in young developers. Topics covered include conditionals, variables, and functions.

Software Engineering Intern, Mitchell International

July 2021 - Sept 2021

Mitchell International develops software for the auto industry to manage insurance claims and develop quotes for repairs.

- Queried PostgreSQL and MongoDB databases with over 500,000 data points.

Full Stack SWE Intern, Uni-Point, LLC.

Apr 2019 - Oct 2019

Uni-Point is a small MSP for SMBs.

- Configured the VictorOps on-call system and integrated with Jira for Slack alerts to improve engineer productivity.
- Configured and upgraded server equipment for a prominent property management company.

Low Voltage Lead Engineer, Automated Living

May 2019 - July 2021

Automated Living is a home and business automation provider.

- Configured smart-homes using home-assistant.io and outlined bespoke configurations using YAML to enhance the productivity of businesses.
- Designed and installed low voltage wiring plans for five multi-family homes.
- Installed and configured networking/AV equipment at commercial properties in Southern California.

Founder, OC Aerial Photography

Mar 2016 - Dec 2020

OC Aerial Photography provided drone photography and videography services to businesses in Orange County.

- Performed aerial drone roofing inspections on 40+ housing complexes in California and reported on findings.
- Produced, directed, and edited virtual walkthrough commercials.

SKILLS

JavaScript, Java, Python, HTML, CSS, Node.js, ReactJS, React Native, PostgreSQL, MongoDB, Neo4j, Agile, Figma, Trello, Atlassian Suite (Confluence, Jira)