Gavin Mak

Software Engineer

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EXPERIENCE

Google   San Francisco, CA

Software Engineer   *Aug 2020 - Present*

- Led a multi-quarter initiative to integrate a modernized UX for continuous integration testing, improving developer workflow and efficiency.
- Maintained open-source developer tools for Chrome development and contributed to the strategic planning for their ongoing development.
- Joined two on-call rotations overseeing Chrome's infrastructure and repositories. Responsible for build monitoring, issue triaging, and managing escalations.

Google   Bellevue, WA

Software Engineer Intern   *Aug 2019 - Nov 2019*

- Spearheaded an experiment to integrate open-source Chrome tests into Google's internal infrastructure, enhancing test coverage and accelerating bug detection.

Wayfair   Boston, MA

Software Engineer Intern   *June 2019 - Aug 2019*

- Built a comprehensive tool to streamline Apache Kafka topic management using React, Java Spring, and MariaDB, superseding the former CLI.
- Achieved a 97% reduction in topic creation time, saving over 8 hours on average.

SAP   San Ramon, CA

Software Developer Intern   *June 2018 - Aug 2018*

- Enabled connections between SAP HANA and PostgreSQL databases, facilitating real-time data transfer, and benefiting clients such as Coca Cola, Decathlon, and Miele.
- Ensured seamless integration by creating custom query translations and data type mappings to bridge functionality gaps.

EDUCATION

University of California, Berkeley   Berkeley, CA

Bachelor of Arts, Computer Science | GPA: 3.8   *May 2020*

Honors: Upsilon Pi Epsilon Honor Society (Top 1/3 of CS majors)

PROJECTS

Poster   *Flutter, MongoDB, Firebase Auth*

Built a social media app for medium to long format text posts on iOS and Android. Designed a content recommendation algorithm based on user preferences.

gavinmak.com   *HTML5, CSS, JavaScript*

Created a personal website with responsive web design in mind. Automatically uses dark mode based on browser settings.

Curreta   *Django, React Native*

Developed a web and mobile app for a crowdsourced, real-time public transit tracker. Used the GeoDjango API along with BART and AC Transit schedules to provide live locations for the Bay Area.

SKILLS

Languages: Python, JavaScript, Go, Java, Dart, SQL   **Tools**: Git, Flutter, React, MongoDB, Figma