Kailani Chu

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Work Experience

Google   **Sunnyvale, CA**
Software Engineer on Google Payments   *August 2021 - Current*
  - Enabling instant, safe, and consistent checkout experiences across all mediums

Google   **Sunnyvale, CA**
Software Engineer on Cloud Platforms   *July 2020 - August 2021*
  - Designing software to enhance Google datacenter reliability and performance
  - Revamping firmware verification and testing systems, reducing regressions in production

Google   **Sunnyvale, CA**
Software Engineering Intern on Cloud Platforms   *May 2019 - August 2019*
  - Developed a Kythe indexer for SystemVerilog source in C++11, operating on an abstract syntax tree to enable advanced code insight features in developer IDEs
  - Enhanced functionality for company-wide developer productivity tools, actively used by thousands of hardware engineers across Alphabet

Salsify   **Boston, MA**
Software Engineer Co-op on Platform Foundations   *January 2019 - May 2019*
  - Participated in a fast-moving SCRUM engineering team using Ruby, Rails, Postgres, Kubernetes, and AWS
  - Designed and implemented standard error handling in the new customer-facing GraphQL Rails API, improving UX and developer productivity with GraphQL
  - Completed implementation of multilingual support on the Salsify platform
  - Assisted in design and implementation of complex product data modeling capabilities

Thermo Fisher Scientific   **Franklin, MA**
Software Engineer Co-op   *January 2018 - June 2018*
  - Designed, implemented, and released a low-cost air monitoring software/hardware platform to improve air quality in developing countries in a team of 7
  - Developed a Linux userspace I²C driver in C++11 to allow management and usage of multiple I²C devices

Skills

Languages	Python, Java, C++, C, Ruby, JavaScript, HTML, CSS, OCaml, Bash
Technologies	Linux, Git, Firmware Development, CAN, Ruby on Rails Boost C++ Libraries, Selenium, Docker, jUnit, Vue, NodeJS, SQL Apache2, Django

Education

Northeastern University   **Boston, MA**
College of Computer and Information Science   *September 2016 - May 2020*
B.S. in Computer Science, Magna Cum Laude, Dean's List   *GPA: 3.7 / 4.0*
  - T.A. for Embedded Design, Object Oriented Design, and Computer Systems
  - Relevant Courses: Software Development, Programming Languages, Object Oriented Design, Algorithms and Data Structures, Computer Systems, Theory of Computation