Ben Chapman-Kish

github.com/BenChapmanKish | ben-ck.com | linkedin.com/in/ben-chapman-kish

Skills

Languages: C++, C, Java, Python, JavaScript, Kotlin, Swift, Objective-C, SQL, Regex, Shell
Tools/Libraries: Git, JIRA, JUnit, Docker, Node, Flask, Express, PostgreSQL, MongoDB, GraphQL, Kafka

Experience

minted.
San Francisco, CA
Software Engineering Co-op — January – April 2020
- Rewrote customizer system to reduce dependency on 3rd party services and improve load times by 30%
- Deployed advanced user segmentation, allowing company to market more relevant products to customers

Google
Montreal, QC
Software Engineering Intern — May – August 2019
- Scaled debugging pipeline to handle 400x more traffic by migrating to better-suited data store and optimizing SQL queries, allowing engineers to quickly identify and track a greater variety of bugs
- Reduced maintenance costs by consolidating pipeline logic into smaller modules with full test coverage

toast
Boston, MA
Software Engineering Co-op — September – December 2018
- Solved concurrency bug by designing thread-safe system for calculating prices, reducing crashes by 12%
- Created tool with Gradle and JDBC to replicate production data in a local environment, reducing time for developers to find and address customer-reported problems

Projects

QuickPic — 2018
- Created social network with iOS client that can take, edit, and send pictures to other users

DecorAssist — 2018
- Developed web and mobile service to assist end users with interior design using Flask and MongoDB

Education

University of Waterloo — Expected 2016 – 2021
Candidate for Bachelor of Computer Engineering

Awards

Recipient ------------ University of Waterloo President's International Experience Award — 2018, 2020
Top 10 Finalist ---- University of Waterloo EngHack hackathon — 2017
- Created Android app for coordinating study groups featuring Facebook login and Firebase database

Extracurricular Leadership

ECE Society -------------------- **Founder, Co-President**	Orientation Week -------------------- **Leader, Director**
Engineering Society -------------- **Class Representative**	A Cappella Club --------------------------- **Section Lead**