

Ben Chapman-Kish

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

Skills

Languages: C++, C, Java, Python, JavaScript, Kotlin, Swift, C#, Objective-C, SQL, Regex, Shell

Tools/Libraries: Git, JIRA, JUnit, Docker, Node, PostgreSQL, MongoDB, Play, Flask, Express

Experience

minted.

San Francisco, CA

Software Engineering Co-op

January – April 2020

- Upgraded product backend, reducing dependency on 3rd party services and improving load times by 30%
- Deployed advanced user segmentation, allowing marketing to target users with more specific attributes

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 cost 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 service to assist end users with interior design, through web and mobile clients, at a hackathon

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

Engineering Society ----- Class Representative

Orientation Week ----- Leader, Director

A Cappella Club ----- Section Lead