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

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

TRIBAL SCALE   Toronto, ON
Agile Software Engineer   January – April 2018
- Reduced dependency on server in radio app, decreasing load on server and improving load times by 55%

Projects

QuickPic   2018
- Created social network with iOS client that can take, edit, and send pictures to other users
- Implemented backend server with Node and Express to manage users and facilitate user interaction

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   2019
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, President** | Orientation Week -------------------- **Leader, Director** |
| Engineering Society -------------- **Class Representative** | A Cappella Club --------------------------- **Section Lead** |