

# Ben Chapman-Kish

 [github.com/BenChapmanKish](https://github.com/BenChapmanKish) |  [ben-ck.com](http://ben-ck.com) |  [linkedin.com/in/ben-chapman-kish](https://linkedin.com/in/ben-chapman-kish)

## Skills

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**Languages:** Python, C++, C, Swift, Objective-C, Java, C#, JavaScript, HTML, CSS, Shell, Matlab

**Tools/Libraries:** Git, Node, Firebase, Flask, Django, Express, CouchDB, Quick, Nimble, Caffe, Unity

## Experience

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### Agile Software Engineer

January – April 2018

TribalScale

Toronto, ON

- Reduced reliance on server in major radio app, reducing load on server and improving load times
- Implemented event planner and restaurant reservations for large cruise company's app
- Wrote software tests for iOS apps with Quick and Nimble to prevent regression and minimize bugs

### Mobile Application Developer

May – August 2017

Defence Research and Development Canada

Toronto, ON

- Built and deployed high profile cross-platform mobile applications using Ember and Cordova
- Saved \$25k per app in contracting fees by identifying and solving issues with device portability

### Research Assistant

July – August 2016

University of Guelph

Guelph, ON

- Designed and programmed framework for crowd-controlled gaming using Python and OpenCV

## Projects

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### 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, with web and mobile clients, at a hackathon

## Education

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### University of Waterloo

Expected 2016 – 2021

Candidate for Bachelor of Computer Engineering

## Awards

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**Recipient** ----- University of Waterloo President's Scholarship of Distinction, parts 1 & 2      2016, 2017

**Winner** ----- University of Waterloo ECE Design Days      2017

- Designed an Arduino-powered ball launcher and wrote an Android app to control it

**Top 10 Finalist** ----- University of Waterloo EngHack hackathon      2017

- Created an Android app for coordinating study groups, utilizing Facebook API and Firebase database

## Extracurricular Leadership

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Orientation Week ----- leader & director

A Cappella Club ----- vice president

Engineering Society ----- class representative

Intramural Sports ----- team captain