

Ben Chapman-Kish

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

Skills

Languages: Python, C++, C, Java, Objective-C, C#, JavaScript (ES6), HTML, CSS, Shell

Tools/Frameworks: Git, Node.js, Ember.js, Cordova, CouchDB, MySQL, Firebase, Flask, Caffe, Unity

Experience

Mobile Application Developer

May – August 2017

Defence Research and Development Canada

Toronto, ON

- Developed and deployed high profile mobile applications using Ember.js 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

- Trained deep learning models with Caffe to achieve optimal performance for facial pose estimation
- Designed and programmed framework for crowd-controlled gaming using Python and OpenCV

Projects

Slack-SuperBot

2016

- Developed python bot that communicates with Slack, Google, and Wikipedia APIs
- Utilized Markov chains to simulate writing patterns of specified users

Point of Sale System

2016

- Created HTML/JavaScript interface for point of sale terminal and Flask server for inventory management

Pebble Apps

2015 – 2016

- Built smartwatch apps in C using event-driven programming to interact with sensors and actuators

Education

University of Waterloo

Expected 2016 – 2021

Candidate for Bachelor of Computer Engineering

Awards

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

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

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

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

- Created Android app for coordinating study groups featuring Facebook login and Firebase database

Recipient ----- BC Ministry of Education Scholarships, for programming & for provincial exam results 2016

Perfect Score ----- University of Waterloo Canadian Computing Competition 2014

Extracurricular Leadership

Orientation Week ----- leader & director

Engineering Society ----- class representative

A Cappella Club ----- vice president

Intramural Sports ----- team captain