

Jason Wiker

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EDUCATION

UNIVERSITY OF CALGARY

BSc IN COMPUTER SCIENCE

Expected Apr 2019 | Calgary, AB

Minor in Statistics

Concentration in Theoretical

Computer Science

LINKS

Github:// [speediing](#)

LinkedIn:// [jason-wiker-02902a141](#)

COURSEWORK

COMPUTER SCIENCE

Advanced iOS Development

Computer Graphics

Data Structures and Algorithms

Software Entrepreneurship

Computer Networks

MATH AND STATISTICS

Financial Mathematics

Stochastic Processes

Advanced Linear Algebra

Introduction to Theoretical Statistics

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Swift/iOS • JavaScript • \LaTeX

Over 1000 lines:

R • Java • Arm Assembly • HTML/CSS

Tools:

Git/Github • Firebase • Docker •

Webstorm • Visual Studio Code •

Linux/Unix

EXPERIENCE

UNIVERSITY OF CALGARY RESEARCH SERVICES | DEVELOPER

April 2017 – Present | Calgary, AB

- Worked on a team implementing new systems and processes to help researchers find funding for, get approval for, apply for, and set up research projects
- Designed and built Selenium based Python browser automation scripts for testing and process automation
- Streamlined the teams workflow by making a script that acts on GitLab webhooks and their REST API to insert Docker environment info into Sharepoint
- Created and refined XML-based application user interface definitions

PROJECTS

PETSY | IOS BASED PET ADOPTION APP

Nov 2017

Technologies Used | Swift 4 • XCode/iOS 11 SDK • Firebase Database • PromiseKit

- Petsy helps animal shelters and private breeders find loving homes for pets
- Utilized the Petfinder.com REST API to have 281,946 adoptable pets from 11,330 adoption groups in the app on launch
- Designed, developed and distributed a minimum viable product to the app store in three days

SNIPBOOKS(IOS) | IOS BASED HAIR SALON MANAGEMENT CLIENT

April 2017

Technologies Used | Swift 3 • XCode/iOS 10 SDK • Firebase Database

- Snipbooks is a salon management application built natively for iOS as a mobile solution for our client's booking and referral workflows. Two separate apps were developed: the iPhone client for customer booking and the iPad client for salon management
- Worked on the real-time 'scheduling-conflict engine'
- Created interactive workflows that allow customers and stylists to authorize and book detailed appointments

SNIPBOOKS(WEB) | REACT BASED HAIR SALON MANAGEMENT CLIENT

Nov 2017

Technologies Used | React • Javascript • Firebase Firestore • HTML/CSS • Bootstrap • NodeJS

- The Snipbooks team decided to pursue the project outside of class as a web app set to launch in a pilot store in January 2018.
- Ported the previously developed iOS app to web using React as the front-end framework

PETPAL | IOS BASED PET OWNERSHIP APP

Feb 2017

Technologies Used | Swift 3 • XCode/iOS 10 SDK

- Led a team to success in a hackathon where an iOS app was made to help children take care of their pets
- As the only person on the team knowledgeable in iOS development, was responsible for creating the design of the app as well as bringing everyone up to speed on Swift/XCode