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Employment

Associate Software Engineer **Mindgrub Technologies** **Fall 2016-Present**

Intern

- Researched Swift and Java best practices to develop apps in native app development
- Developed iOS applications for internal use to facilitate day to day operation
- Attended daily agile standup meetings to review issues and ensure punctual delivery of projects

IT Leadership Program **General Electric Healthcare** **Summer 2016**

Intern

- Designed wireframe with 3 views and a dashboard to prove out a technology
- Created prioritization algorithm to identify risk, prioritize daily volume and reduce FDA reportable MDRs
- Integrated queries and stored procedures to compare data and assure information

Mobile Software Developer **BackPack'Em** **Spring 2015-Present**

Lead Engineer

- Developed an iOS and Android application with AngularJS and HTML to increase user adoption
- Lead the mobile software team and determined the best practice for creating hybrid mobile apps
- Formulated a REST API to enable data transfer to and from the application

Education

Baltimore, MD **University of Maryland, Baltimore County (UMBC)** **August 2014-May 2017**

- B.S in Computer Science with Minor in Political Science, May 2017. GPA: 3.1.
- Undergraduate Coursework: Software Engineering; Operating Systems; Data Science; Algorithms; Programming Languages; Comp. Architecture; Calculus II.

Rockville, MD **Montgomery College** **August 2014-May 2015**

- A.A in General Studies, May 2014. GPA: 3.8.
- Undergraduate Coursework: Object Oriented Programming with C++, Advanced Java, Macroeconomics.
- Honors: Dean's List and Phi Theta Kappa Honor Society

Projects

- **Apple TV Dashboard** (2016). Modular multiple-view dashboard for the Apple TV. Views included a weather forecast app using the DarkSky API as well as a scrum burndown chart from the JIRA API. Swift
- **Keep Me up!** (2016). Application for the Pebble smartwatch that vibrates at given intervals in strengths to keep the wearer alert and awake. C, Pebble API
- **Linux Shell** (2016). Functioning Linux shell with basic functionality. Additionally, allows users to run processes in the background and has basic scripting support. C, UNIX, Linux
- **Race Standings App** (2015). Cross Platform iOS and Android app that displays up to date and historical Formula 1 race standings using a 3rd party API and the Ionic Framework. AngularJS, HTML, CSS

Languages and Technologies

- Swift; C++; Java; SQL; Angular; Python; HTML
- XCode; Interface Builder; Android Studio; Microsoft SQL Server; Eclipse
- Agile, Scrum
- Fluent In German