

Andrew Henry

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EDUCATION

University of Pittsburgh, Pittsburgh PA
Bachelor of Computer Science
GPA: 3.82
Dean's List

Expected April 2019

COURSEWORK

Data Structures, Algorithm Implementation, Linear Algebra, Communications, Web Design, Software Engineering, Operating Systems, Introduction to Android, Database Management

SKILLS

Languages: Java, C# (.NET Core), JavaScript (ES6), React (JSX), Python, SQL, C

Frameworks/Tools: AWS (EC2, ECS), Postgres, Android Studio, NodeJS, Firebase, Docker, Git

EMPLOYMENT

Software Engineering Intern

June 2018 – Present

Capital One, Richmond, VA

- Intern for the Open Source Team, which is part of Tech Strategy at Capital One
- Created an open source platform for managing conversation bots using React and NodeJS
- Implemented a chat bot that utilizes machine learning using TensorFlow and Spacy

Process Control Engineering Intern

May 2017 – Dec 2017

United States Steel Corporation, Pittsburgh, PA

- Writing and documenting software, mainly C# and SQL, critical to plant operations
- Creating and maintaining PostgreSQL databases used by programs within the facility
- Creating and implementing RESTful APIs and Web Sockets for data transfer

PROJECTS

Errand Android Application

University of Pittsburgh, Spring 2018

- Developed an Android application where users can request to have a job done for a specified amount of money. After completion of the job, users are paid via PayPal within the application.

ACTIVITIES

1 of 30 students invited to attend Capital One's 2017 Software Engineering Summit

- Attendees receive weeklong training at Capital One Labs for Git, Android, iOS, AWS, Alexa, IoT, and Hardware Development; then participate in a weekend Hackathon

4th place winner of Capital One's Carbon Hackathon

Tutor for the Computer Science Department at Pitt

App design and development for personal developer accounts

Regular attendee of MLH Hackathons across the country

Volunteer work for Kohl's Cares and Capital One