

Education

MS | Information Science

University of Pittsburgh
Concentration: Human Centered Computing
Anticipated Graduation: April 2021

BS | Information Systems

University of Pittsburgh at Bradford
Concentration: Application Development
GPA: 3.35 / 4.00
April 2019

Coursework

Data Structures
Object-Oriented Programming
Database Design and Management
Software Engineering
Advanced Web Development
Data Analytics
Systems Analysis and Design

Awards

2017 & 2018
Pitt Mobile App Challenge Winner
\$2000 Prize Both Years

Tech Skills

Languages

JavaScript • Python • C# • Java • Lua • R • SQL

Frameworks

React • React-Native • Redux • Angular •
Node.JS • ASP.NET • Less • Sass • jQuery •
Bootstrap • Jest • Jasmine • Android •
Cordova • Pandas • NumPy • Flask
• MongoDB

Tools

Git • Google Cloud • Firebase • Amazon
Web Services • Unity Engine • VS Code •
Eclipse • Windows • Linux

Systems Development

SDLC • Scrum • Agile • Waterfall

Soft Skills

Leadership • Written and Verbal
Communication • Japanese Language

Experience

IPC Systems Inc. | Software Engineering Intern

June 2018 – August 2019

- Collaborated with small team in an agile environment to design, develop, and demo feature in Angular app that parsed data from online calendars.
- Developed RESTful API to facilitate OAuth2 and data retrieval between third party APIs.
- Created full-stack system with Python, MySQL, and JavaScript for analyzing company user data stored in excel.
- Utilized test-driven development with Jest.

University of Pittsburgh at Bradford | Web Programmer

Sept. 2017 – April 2018

- Utilized test-driven development with Jest.
- Maintained ASP.NET based CMS for university website making changes in C#, HTML, CSS, and JavaScript.
- Communicated with university departments to tailor web content.
- Updated old content to be modern and mobile-oriented.

Projects

Pitt Menu

Full-Stack Application

- Parsed PDF files of university dining hall menus using Python.
- Stored menu data in MySQL database and Firebase.
- Created mobile friendly React web app for viewing, rating, and posting images of food items on daily dining-hall menus.
- Developed Node.js REST API to transact data.
- Integrated Google Home support for asking for the daily menu.

DormStack

React-Native Mobile App – 2018 Pitt Mobile App Challenge Winner

- Created social media app centered around college dorms.
- Able to find and sign up for events in user's dorm community.
- Written using React-Native and JavaScript.
- Designed with Firebase Backend.

BABL Language Learning App

Android Mobile App – 2017 Pitt Mobile App Challenge Winner

- Developed Android app for swipe-matching with others to learn languages with each other.
- Designed relational MSSQL database for authentication and user match data.
- Integrated Facebook social media.

WiFinder

Flask Python Web Tool

- Utilizes public dataset to find nearest public Wi-Fi hotspot locations around New York City.
- Written in Python with Flask.