Jeff Vitunac

REDACTED FOR WEBSITE TO PREVENT LEAKED INFORMATION. PLEASE
CONTACT ME THROUGH GITHUB(ejv20) OR LINKEDIN(jeffvitunac).

EDUCATION

Pittsburgh, PA   **University of Pittsburgh**   **August 2015 – April 2019**

- **Major:** Computer Engineering, B.S
- **GPA:** 3.2
- **Programming Coursework:** Algorithm Implementation, Data Structures, Operating Systems, Web Applications, Software Engineering, Database Management Systems
- **Hardware Coursework:** Linear Circuits, Analysis and Design of Circuits, Computer Architecture, Advanced Digital Design

EMPLOYMENT

Software Developer, Intern   **Smart Market Dental (startup)**   **May 2018 - August 2018**

Platform for delivering business analytics to dentists

- Utilized Twilio's API to improve the ease and speed of calculating the billing for every client each month
- Increased delivered analytics to clients by implementing custom made SQL statements for specific clients
- Improved stability and reliability of platform by resolving bugs that were currently known and bugs that I identified
- Was able to constantly adapt, find solutions, and fix problems in the fast-paced startup environment
- Utilized: PHP, MySQL, JavaScript, C#, and Git

PROJECTS

Application Tracker: https://applicationtracker2.herokuapp.com/home

- Implemented a web application using Flask to track the progress of applications for software positions
- Utilized: Python, Flask, SQLAlchemy, Jinja2, Heroku CLI, git

Portable Password Manager

- Group capstone project for Computer Engineering in which we created a secure hardware-based credential storage and retrieval product
- Utilized the PIC24 microcontroller to control the encryption, decryption, storage, and retrieval on the group designed printed circuit board
- Developed communication protocols from microcontroller to a custom-built chrome extension
- Utilized: C, Python, HTML/CSS, and git

Video Game WASD trainer

- Command Prompt based video game trainer to improve finger movement for mouse and keyboard players
- Used libraries to provide increased randomness of values to be entered which ensured no repeating sequences
- Utilized: C, git

Workout Time Manager

- Created a GUI desktop app that alerts the user that it is time for a break. Along with the break, the app delivers exercises that the user can do
- The user can specify time between breaks, time of breaks, number of exercises, the type of exercise, and the minimum and maximum amount of repetitions
- Utilized: Python, Tkinter, git

Personal Website: https://ejv20.github.io

- Created and built personal website that gives a description of who I am
- Utilized: HTML, CSS, JavaScript, GitHub pages, git

SKILLS

- **Software: (proficient):** Python, Java, Git, Windows **(familiar):** C/C++, SQL, JavaScript, HTML/CSS, Linux

CLUBS

University of Pittsburgh   **Kappa Theta Pi**   **Spring 2016 – April 2019**

- Founding father of fraternity, former technology chair, former election board member
- Oversaw the growth of this professional technology fraternity from 7 members to 43 members in one year