Jeff Vitunac

Contact Information removed for webpage for security purposes.

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

Technology, 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

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

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

Video Game WASD trainer

- Command Prompt based video game trainer to improve finger movement for mouse and keyboard players
- Utilized: Python, Git

Personal Website

- Created a website that gives visitors a general idea of who I am as a computer engineer
- Utilized: HTML, CSS, Angular

SKILLS

- **Software:** (proficient): Python, Java, Git, Unix (familiar): C/C++, SQL, JavaScript, HTML/CSS, PHP, Angular

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 9 members to 50 members in one year