

# Jeff Vitunac

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[linkedin.com/in/jeffvitunac/](https://www.linkedin.com/in/jeffvitunac/)

## EDUCATION

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<b>Pittsburgh, PA</b>	<b>University of Pittsburgh</b>	<b>August 2015 – April 2019</b>
<ul style="list-style-type: none"><li>• <b>Major:</b> Computer Engineering, B.S</li><li>• <b>GPA:</b> 3.2</li><li>• <b>Programming Coursework:</b> Algorithm Implementation, Data Structures, Operating Systems, Web Applications, Software Engineering, Database Management Systems</li><li>• <b>Hardware Coursework:</b> Linear Circuits, Analysis and Design of Circuits, Computer Architecture, Advanced Digital Design</li></ul>		

## EMPLOYMENT

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<b>Technology, Intern</b>	<b>Smart Market Dental (startup)</b>	<b>May 2018 - August 2018</b>
Platform for delivering business analytics to dentists		
<ul style="list-style-type: none"><li>• Utilized Twilio's API to improve the ease and speed of calculating the billing for every client each month</li><li>• Increased delivered analytics to clients by implementing custom made SQL statements for specific clients</li><li>• Improved stability and reliability of platform by resolving bugs that were currently known and bugs that I identified</li><li>• Was able to constantly adapt, find solutions, and fix problems in the fast-paced startup environment</li><li>• <u>Utilized:</u> PHP, MySQL, JavaScript, C#, and Git</li></ul>		

## PROJECTS

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### 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: <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

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

## CLUBS

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<b>University of Pittsburgh</b>	<b>Kappa Theta Pi</b>	<b>Spring 2016 – April 2019</b>
<ul style="list-style-type: none"><li>• Founding father of fraternity, former technology chair, former election board member</li><li>• Oversaw the growth of this professional technology fraternity from 7 members to 43 members in one year</li></ul>		