William E. Soccorsi

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Education

University of Vermont, Burlington, VT **Expected Graduation December 2019**
Bachelor of Science in Computer Science Cumulative GPA: 3.03 | Major GPA: 3.39
Honors & Awards: University of Vermont Trustees Scholarship
Certifications: Certificate of Completion – Python and Django Full Stack Web Developer Bootcamp

Internship Experience

Software Engineer Intern, **Lamps.com,** Philadelphia, PA **Summer 2019**
- Worked primarily on an internal application critical to back of house operations with the following tech stack, Python, Django, PostgreSQL, HTML, CSS, Bootstrap, JavaScript and jQuery, with all unit tests written with Pytest
- Completed a data analysis project starting with a Jupyter notebook to query and obtain relevant product information from years of purchase history which was converted into a daily scheduled task. Data is now used to drive digital marketing and merchandising team efforts to increase customer conversion
- Created a Customer Relationship Management front end which required wide use of Django form components and back end integration, which is now used by the E-Commerce team to manage sales information
- Added a feature for one click generation of pdf packing slips using xhtml2pdf automating what was a time consuming manual effort by warehouse personnel
- Used Node.js and Puppeteer to parse important purchase order information from manufacturer's web portals

Technology Intern, **The DREAM Program,** South Burlington, VT **Summer 2018**
- Migrated and re-platformed the non-profit's publicly facing website onto Wix.com and built an interactive feature in Javascript that allowed visitors to view the camp grounds: www.dreamprogram.org
- Developed internal Salesforce Visualforce components using Apex and SOQL to provide camp counselors with relevant information about their campers such as health information, emergency contact information, and camp history.

Production Intern, **Dudnyk,** Horsham, PA **Summer 2016**
- Produced a rebranding research project, comparing similar companies using Medical Marketing & Media's top one-hundred healthcare agencies publication and summarized findings in a final presentation
- Completed an analytics project with Excel and PowerPoint profiling physicians, targeting the most influential way to market to them

Teaching Assistant Experience

UVM Computer Science Department, Burlington, VT **Fall 2018 – Present**
- Selected to TA for CS201 Operating Systems and CS120: Advanced Programming: C++
- Help the professors grade projects and exams
- Hold office hours every week helping students current projects using concepts such as polymorphism or linked lists

Personal Projects

Portfolio Website **Summer 2019**
- Using Python, Django and PostgreSQL created my own website to display my projects and professional interests
- Hosted with an Amazon Web Service EC2 instance using Ubuntu and Nginx at the domain: www.willsoccorsi.com

Coding Challenge's Livestream **Summer 2019**
- Performed HackerRank and Leetcode interview programming challenges summer evenings live with two peers at: www.twitch.tv/hollowglow, using codshare.io to collaborate

Typer **Spring 2019**
- Written in C++ with GLUT, the user must navigate an asteroid field, where asteroids are populated with randomly selected strings and the only way to proceed is to correctly type them in as fast as possible

Community Service

Mentor & Treasurer, **DREAM Riverside,** Burlington, VT **Spring 2017 – Present**
- Providing mentorship for underprivileged children of Riverside VT for three hours every Friday
- Established student government interactions which now funds our organization $500 every semester in perpetuity
- Managed receipts, budget, organized events and developed a report of our spending at the end of each semester

Technical Skills

- C++ | C | Python | Django | JavaScript | HTML5 | CSS | jQuery | PostgreSQL | APEX | Visualforce | Git
- Fluent in computer hardware, built two computers with relevant components