Zachary Andrews

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Education

Bachelor of Science, Computer Science   *Graduation: May 2020*
Allegheny College, Meadville, PA   Major GPA: 3.2/4.0
Minor: Economics   Minor GPA: 3.1/4.0

Work Experience

IT Technician, Information Technology Dept, Allegheny College, Meadville, PA   *Aug 2019-May 2020*
- Designed and developed web pages utilizing HTML and JavaScript for registering devices on Allegheny College wired network
- Developed tools; example includes a tool for manually adding and banning devices to Allegheny College wired network
- Setup, delivered, and performed maintenance on college computers and equipment

Teaching Assistant, Computer Science Dept, Allegheny College, Meadville, PA   *Aug 2018-May 2020*
- Mentored students taking computer science courses including Intro and Algorithm Analysis classes
- Assisted department professors with grading and answering student questions about in-class assignments and weekly laboratory assignments both in class and during weekly office hours

Web Developer, Bull Moose Progressive Marketing, Meadville, PA   *May 2019-Jan 2020*
- Planned, designed, and managed websites of various clients
- Presented completed work for review at meetings with clients
- Created and managed social media platforms for clients, including but not limited to Facebook pages, newsletters, and blog posts

Inbound Marketing Intern, Bull Moose Progressive Marketing, Meadville, PA   *Jan-May 2019*
- Prepared and presented a business plan to a local small business owner looking to increase store visits and sales

Projects

Docker Installation and Setup Automation
- Independent Senior Project surrounding the automation of Docker installation and Dockerfile generation
- Determines Operating System and automatically installs Docker
- Detects file types in a directory and automatically generates a Dockerfile
- Creates a graphical interface for user interaction with elements of Docker

Skills

Programming Languages: Python, Java, Docker, HTML, CSS, Liquid, JavaScript, Node.js, React.js, MarkDown
Other Skills: Software Development, Python Flask, REST, Git, WordPress, Inbound Marketing, Excel, Word, PowerPoint, Github Pages, Technical Writing, Design Thinking, Linux, Travis CI

Related Coursework

Senior Comprehensive Project
- Independent senior project
- Identified an area of interest and developed a solution to an issue in that area
- Documented and presented solution and findings to department committee

Leadership and Service

Secretary, Association for Computing and Machinery, Allegheny College *Aug 2019-May 2020*
- Kept minutes of all meetings including General and Executive Board meetings
- Wrote emails to keep club members informed of all club events and business
- Managed internal documents

Officer, Phi Gamma Delta Fraternity, Allegheny College *Jan 2018-Dec 2019*
- Served in multiple Officer roles including Vice President, Treasurer, Recording Secretary, and Recruitment Chair
- Responsibilities included setting agendas and leading meetings, managing budget, recording minutes, and organizing recruitment events
- Completed 15+ hours of Community Service each semester

Officer, Legion of Allegheny Gamers, Allegheny College *Mar 2017-Mar 2018*
- Oversaw club functions, managed club inventory of games and consoles, and acquired supplies as needed