Michael Bartlett

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Education

University of Pittsburgh　　　　Pittsburgh, PA
B.S. Computer Science & Information Systems Design Certificate (GPA: 3.7)　　　　Expected Apr 2024

Experience

eServices Technology　　　　Homestead, PA
Junior Software Engineer　　　　Aug 2022 - Present
Software Engineering Intern　　　　May 2022 - Aug 2022

- Improved functionality and client satisfaction by developing and enhancing features in a React/Redux web application.
- Collaborated on migrating a legacy PHP codebase to React, resulting in a high-performing Point-of-Sale system and Online Store, enhancing system efficiency.
- Led integration efforts for multi-factor authentication, Twilio messaging, and Apple/Google Wallet support, ensuring secure logins, streamlined communication, and seamless mobile ticketing/membership experiences.
- Developed and optimized backend routes using Node.js and SQL Server, improving data management efficiency and reliability.

D.E. Shaw & Co　　　　New York, NY
Ssytems Administrator Intern　　　　June 2023 - August 2023

- Developed a proactive monitoring solution for Outlook issues, resulting in a decreased volume of helpdesk tickets.
- Implemented Slack-based automation to reduce a manual Systems Administrator task, improving efficiency.
- Collaborated with a team of Systems Administrators to provide support for 3000+ employees.
- Utilized various technologies, including PowerShell, Python, and Kubernetes, to automate tasks and deploy services.

University of Pittsburgh　　　　Pittsburgh, PA
Undergraduate Teaching Assistant　　　　Aug 2021 - Apr 2022

- Led weekly recitation sections for 30 students enrolled in *Introduction to Programming* and *Intermediate Programming*, providing supplementary instruction and guidance on course material.
- Assisted students with laboratory assignments and answered Object-Oriented Programming questions.
- Conducted weekly open-door office hours, to provide additional support and clarification for students.
- Contributed to the development and implementation of course supplementary material, enhancing learning resources for students.

Freelance Work　　　　Remote
Web Consulting/Development　　　　May 2020 - Present

- Collaborated with diverse clients, including landscaping, IT, indoor air quality services, salons, and construction companies, to develop and enhance their WordPress websites.
- Provided tailored solutions and customized WordPress themes to meet clients' needs.
- Assisted clients in establishing and growing their online presence through social media, Google My Business, and targeted online advertising.
- Contributed to the setup and maintenance of WooCommerce, an eCommerce platform, for clients.

Bethany Wesleyan Church　　　　Cherryville, PA
IT Operations & Media Production　　　　Dec 2017 - Jan 2021

- Developed and maintained a website with an average of 1500-2000 monthly visitors.
- Led projects such as implementing new internet equipment, launching a livestream, and upgrading to a Voice Over IP (VoIP) phone system.
- Produced 200+ videos for in-house and social media purposes.
- Managed network equipment across three locations.

Organizations

Zeta Beta Tau　　　　Sept 2021 - Present
Vice President of Internal Affairs: April 2022 - April 2023
Webmaster and Parent & Alumni Chair: April 2023 - Present

Pitt Computer Science Club　　　　Aug 2020 - Present
Member

Strengths & Technical Skills

Programming & Query Languages:	JavaScript, Python, Java, PowerShell, HTML/CSS, React.js, Redux.js, SQL
Technologies:	VoIP, Git, MacOS, Windows, Linux, Kubernetes, Active Directory
Strengths:	Self-starter, Problem Solver, Communication, Adaptability, Teamwork, Time Management