Simon H. Benzer

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Education

University of South Carolina
Bachelor of Science in Computer Science, Concentration in Physics, May 2021

Georgia Institute of Technology
Masters in Computer Science, Specializing in Artificial Intelligence, January 2024 - Present

Skills

Programming Languages: Python, JavaScript, Typescript, C#, SQL, PL/pgSQL, C++, Java, R, HTML5/CSS
Software Applications: Azure, Amazon Web Services, IBM Watson Studio, Microsoft PowerApps, Tableau
Operating Systems: Linux/Unix, Windows, macOS
Soft Skills: Project Management, Software Design/Architecture, AGILE, Artificial Intelligence, Machine Learning,

STEM Experience

FivePoint Solutions – QA Engineer   **January 2023 – Present**
- Develop and optimize automation to ensure comprehensive smoke, regression, load, and performance testing
- Build and maintain robust, executable automation suites, achieving over 95% reduction in overall testing time
- Collaborate with the software engineering team to ensure code is consistently structured for seamless automation
- Create and deploy SQL queries to manage and configure testing environments in Microsoft SQL Server
- Documented technical specifications and user guides, improving knowledge sharing and ongoing maintenance
- Technologies: Python, Selenium, JavaScript/Typescript, Vue.js, Angular, SQL, Git, Azure, MSSMS

Cobec Consulting, Inc. – Analyst/Full-Stack Software Engineer   **September 2021 – January 2023**
- Ensured high customer satisfaction across multiple FAA contracts requiring Public Trust clearance
- Conducted statistical analyses, creating visualizations and reports to effectively represent key insights
- Designed and guided the clients' internal team in implementing front-end solutions for optimal UI/UX
- Developed full-stack software solutions for both clients and internal products, adhering to AGILE methodologies
- Quickly adapted to new technologies, enhancing the efficiency, productivity, and longevity of client solutions
- Created Python scripts to automate software metric, quality assurance, and other aspects of product management
- Facilitated educational sessions to introduce team members and client employees to new functionalities
- Technologies: JavaScript/Typescript, Python, Angular, Node.js, PostgreSQL, Git, Tableau, Jira

Colite Technologies – Lead Software Engineer (Contractor)   **August 2020 – April 2021**
- Developed internal web application utilizing Vue.js, PHP, and SQL databases to streamline company processes.
- Collaborated with electrical engineers to enable customers to directly interface with machinery remotely city-wide
- Manage team of software engineers to ensure efficient and effective goal achievement
- Collaborated directly with customers to incorporate design and functional requirements
- Managed deployment and maintenance on Amazon Web Services (AWS), enhancing scalability and reliability
- Technologies: JavaScript, Vue.Js, Node.js, SQL, Git, PHP, Amazon Web Services

Research / Open-Source Contributions

*Osteopontin counters human immunodeficiency virus type 1–induced impairment of neurite
growth through mammalian target of rapamycin and beta-integrin signaling pathways*   **February 2019**

Selenium – Active Contributor (Over 50+)   **August 2024 – Present**