Contact

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(LinkedIn)

Top Skills

TypeScript

Database Testing

Release Management

Certifications

Sustainable LGBTQ+ Allyship

Learning Docker

Supporting Allyship and Anti-Racism at Work

Learning Kubernetes

Advanced Cypress

Publications

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

Simon Benzer

Software Engineer | QA | AI
Columbia, South Carolina, United States

Summary

Quality Assurance Engineer at FivePoint Solutions in Columbia, SC. Experienced full-stack software engineer and published researcher. Graduate of the University of South Carolina with a Bachelor's in computer science concentrating in physics. Currently pursuing a Master's Degree in computer science, with a specialization in artificial intelligence, from Georgia Tech. Has extensive research experience at Johns Hopkins, the University of South Carolina, and the University of Maryland Medical System. Certified bartender.

Experience

FivePoint Solutions
Quality Assurance Engineer
January 2023 - Present (2 years)
Columbia, South Carolina, United States

• 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

Cobec Consulting, Inc.
Junior Data Scientist/Full-Stack Software Engineer
September 2021 - January 2023 (1 year 5 months)
District of Columbia, United States

• 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

Buffalo Wild Wings
Bartender
June 2021 - September 2021 (4 months)
Columbia, South Carolina, United States

• Managing Bar Rail of approximate 20 persons (with occasional tables)
• Memorizing company cocktail recipes, as well as monthly specials
• Memorizing menu and sauce list in order to best support customers
• Ensuring legal alcohol intake of customers
• Managing and curtailing customer behavior that violates BWW's standards

Colite Technologies
Lead Software Engineer
August 2020 - May 2021 (10 months)
Columbia, South Carolina, United States

• Developed internal web application utilizing Vue.js, PHP, and SQL databases to streamline company processes.
• Collaborated with electrical engineers to enable customers to remotely interface with machinery 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

Chef's Expressions
Bartender
July 2019 - August 2020 (1 year 2 months)
Lutherville, Maryland, United States

• Serving and preparing drinks in a high volume and fast paced environment

• Memorizing and preparing special drinks crafted for each event

• Analyzing situation and serving as a waiter if necessary

Petrocatalytics
Market Analyst
June 2019 - August 2019 (3 months)
Baltimore, Maryland, United States

• Correspond with partner companies, current and prospective clients

• Update, manage, and organize client database

• Investigate and pursue new client leads

University of South Carolina
2 years 1 month

Resident Mentor
January 2017 - January 2019 (2 years 1 month)
Columbia, South Carolina, United States

• Directly manage residence hall of 30 students

• Manage dormitory of 600 students

• Resolve conflicts and situations to ensure a safe and livable environment

• Monitor and encourage students' academic and social progress

Lead Research Assistant
May 2018 - July 2018 (3 months)
Columbia, South Carolina, United States

• Evaluate functionality of existing electrical lab equipment

• Upgrade electrical engineering to convert between several interfaces

• Test prototypes to find optimal solution to complex problems

• Manage research team to ensure success

University of Maryland Medical System
Laboratory Assistant
December 2016 - January 2017 (2 months)
Baltimore, Maryland, United States

• Transferring patient data into database

• Statistical analysis of patient data

• Correspondence between pathological researchers

Johns Hopkins Hospital
Research Assistant
January 2014 - January 2016 (2 years 1 month)

• Image acquisition and processing (micron microscopy, immunofluorescent staining, measuring axonal length, filtering undesirables, etc.)

• Extensive maintenance of cell cultures

• Quantify experimental results with statistical analysis

• Present outcomes in a public setting

• Training new personnel

University of Maryland Medical System
Intern
December 2012 - January 2013 (2 months)
Baltimore, Maryland, United States

• Assist in autopsies

• Assist in placenta dissections and evaluations

• Evaluate pathological case slides with professionals in field

• Observe relationship between academic and clinical facets of the hospital

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Education

Georgia Institute of Technology
Master of Science - MS, Computer Science · (January 2024 - December 2025)

University of South Carolina
Bachelor's degree, Computer Science, Concentration in Physics · (2016 - 2021)

Baltimore Polytechnic Institute
High School Diploma · (2012 - 2016)