Bryce Capuano

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EDUCATION

Washington University in St. Louis   St. Louis, MO
Bachelor of Science in Computer Science, Minor in Environmental Studies   *Expected Graduation: May 2025*
- GPA: 3.8/4.0
- Coursework: Data Structures and Algorithms, Full Stack Web Development, C++ Object Oriented Programming, Machine Learning, Data Science, Programming Systems & Languages
- Activities: Association for Computing Machinery, Run Club (1 Marathon & 2 Trail 30ks), Climbing Club
- Honors: Dean's List (all semesters)

EXPERIENCE

Software Engineering Intern   May 2023 - Nov 2023
Humana   *Louisville, KY*
- Optimized the data structure and logic of 500,000 Salesforce records using SQL and Salesforce low code tools, resulting in reduced query costs
- Redesigned Salesforce Lightning Web Components using Java, JavaScript, HTML, and CSS to align with changing business needs and refactored code to improve maintainability
- Led cross-functional meetings to resolve CI/CD issues, resulting in a new deployment step that reduced merge conflicts by 10%
- Orchestrated the shipping of project code through development, unit testing, and into production using Azure DevOps, Git, & Copado across 7 Agile sprints
- Actively participated in daily SAFe Agile stand-ups, collaborating on development strategies and issue resolution

Summer Instructor   June 2022 - Aug 2022
iD Tech Camps   *Multiple Locations*
- Instructed 110 students in Java & Python programming basics, incorporating project-based learning methods
- Achieved a 95% positive feedback rate through interactive teaching techniques

Service Member   Nov 2020 - July 2021
AmeriCorps NCCC   *Multiple Locations*
- Volunteered 1700 hours alongside 10 other young adults, living and working onsite to deliver critical services to communities in need
- Activities included vaccine administration at a Brooklyn COVID-19 center distributing 3000+ doses per day and managerial duties overseeing the construction of 3 homes for Habitat for Humanity

Product Management Intern   June 2019 - Aug 2019
Wikipedia   *San Francisco, CA*
- Co-led "Teens Reimagine Wikipedia" project; interviewed a diverse set of 28 teenagers to learn more about Gen-Z Wikipedia usage
- Synthesized findings into actionable insights, resulting in final recommendations to senior leadership team to better align with young users' needs and expectations

PROJECTS

TrailGuru | *JavaScript (React), Express.js, Node.js, PostgreSQL, REST APIs, Heroku*   September 2023 - Present
- Developing web application using OpenAI API for personalized hiking trail recommendations
- When a hike is selected, Google Maps API provides directions from user's location to trailhead
- Implemented React front end and Express backend with Cors & Axios middleware; used OpenAI CLI for API calls

Nosedive | *iOS, Swift, UIKit, Firebase, Xcode*   December 2022
- Co-developed iOS Game in Swift with Firebase stored user profiles and leaderboard
- Emphasized MVC design pattern and followed Agile development methodology

TECHNICAL SKILLS

Programming Languages: Java, SQL, Python, JavaScript, C++, Swift, HTML/CSS
Frameworks/Technologies: Salesforce Lightning, REST APIs, AWS EC2, React.js, Node.js, Express.js
Other : SAFe Agile, CI/CD, SDLC, Azure DevOps, Git