

Carolyn Bozin

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EDUCATION

Computer Science, B.S.

Gonzaga University – Magna Cum Laude, WSOS Scholar, WWIN Star Scholar

Spokane, WA

Sep 2020 – May 2024

COURSES

Database Management Systems (SQL), UI/UX, Data Structures & Algorithms (C++), Big Data (GCP), Linux & DevOps, Data Science Algorithms (Python), Parallel/Cloud Computing, Software Engineering

EXPERIENCE

AI Trainer

June 2024 – Present

DataAnnotation Tech

Remote

- Evaluate responses of Large Language Models based on criteria like accuracy and instruction following
- Conduct thorough testing and analysis of code generated by the model to identify areas for optimization

Software Engineering Fellow

July 2024 - Sep 2024

Headstarter AI

Remote

- Built 3 projects: [Customer Support Bot](#), [AI Flashcards](#), [Pantry Tracker](#)
- Leveraged React JS, Next.js, Firebase, Clerk, OpenAI API, and Vercel, following agile methodologies with CI/CD

Full-stack Development Intern (C#)

May 2023 - Aug 2023

BNBuilders

Seattle, WA

- Developed an internal employee training web application, decreasing time taken to train employees by 50%
- Skills required: Agile, ASP.NET MVC, C#, JavaScript, SQL, HTML/CSS, JQuery, .NET APIs, Python
- Improved troubleshooting skills in Visual Studio and browser console, expediting the development process
- Conducted daily standup meetings with 1-3 team members to discuss specifications with stakeholders and end-users

PROJECTS

[Product Microservices \(Java, Spring Boot\)](#)

May 2025

- Engineered a microservices architecture using Spring Boot 3.4.5 and Java 17, including Product, Order, Inventory, and Notification Services that send messages via Apache Kafka
- Established integration tests for REST APIs utilizing Testcontainers library
- Dockerized all microservices and orchestrated deployment using Docker Compose, leading to a 70% improvement in deployment speed and enabling seamless environment replication

Flask Web Application - Boeing

May 2024

- Collaborated in team of 4 to develop a web application for retrieval of metrics on 3,223 Boeing materials/parts
- Spearheaded development of unit tests using Pytest, achieving 70% test coverage
- Gathered requirements from technical and non-technical stakeholders, provided documentation on handoff of app
- Provided valuable data-driven insights on materials/parts to meet 100% of business objectives
- Containerized application using Docker for flexible development as well as quicker handoff and deployment

SKILLS

Programming Languages: Python, Java, C/C++, Ruby, JavaScript

Web Development & UI/UX: Node.js, Flask, Ruby on Rails, ASP.NET MVC, JSX, React, Next.js, jQuery, MaterialUI, Telerik UI, HTML/CSS, Bootstrap

Database & Cloud Technologies: SQL, Google Cloud Platform, PostgreSQL, Microsoft SQL Server, MongoDB

Development Tools & Practices: Unix/Linux, Bash, Git, Github Actions, IntelliJ, Maven, VSCode, Jira, Docker, Vercel, Heroku, Agile, CI/CD, OOP, Postman, Test Driven Development, Unit Testing

CERTIFICATIONS

Career Essentials in Generative AI, Microsoft/LinkedIn, 2025

Career Essentials in Software Engineering, Microsoft/LinkedIn, 2025

OTHER

President of Women in Computing Club

Sep 2022 - May 2023

- Improved leadership, and communication skills by organizing club fair events, guest speakers, and study sessions
- Organized 1-2 club events per month, promoted club through fliers, recruited new members through talks