

Samantha Toll – Software Engineer

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Summary:

Results-driven and detail-oriented software engineer with 15+ months of industry experience in designing, developing, testing and maintaining robust software applications. Passionate and innovative developer with a genuine enthusiasm for crafting efficient and impactful solutions.

Education:

Bachelor of Computer Science: Gonzaga University

Student Athlete

September 2018 – May 2022

Experience:

Developer: Blixli LLC, an AI Agency

December 2023 – Present

Engineer on a small team self-startup AI Agency focused on automation for small businesses and individual clients. Focused on development of large-scale applications and AI agents to control systems and carry out actions in the real world.

Software Engineer: Microsoft

August 2022 – December 2023

Engineer on rating inputs team responsible for collection and processing of real time usage from Azure services. Led implementation, bug fixing and testing of key features and improvements, contributing to the overall success and scalability of the Azure Ecommerce platform.

Junior Developer: Loblaw Technology

May 2021 – August 2021

Worked closely with skilled business, delivery, and engineering teams on a technical platform to architect, design and develop high quality observability solutions supporting the enterprise and customers.

Computer Science Tutor: Gonzaga University

September 2021 – May 2022

Demonstrated high competence in fundamental computer science concepts. Facilitated problem-solving and critical thinking skills within Gonzaga's computer science department.

Projects:

AmoozMe: Blog Platform Curated Reading List

Seen on <https://www.amoozme.com/>. TvOS Application to consolidate TV shows and movies from various streaming services in a single, user-friendly platform. Eliminates the hassle of juggling multiple subscriptions. Includes interactive AI assistant.

MyRead: Blog Platform Curated Reading List

Web application that simplifies blogging. Provides a web and mobile option that connects to hand-built cross-browser extensions allowing for an addition to your blog to be as simple as the click of a button. Built using MERN Stack, hosted on Heroku.

Developer Connect: Social Media Connect for Developers

Web application built using MERN Stack created for experienced developers. API built from scratch including security measures such as login and custom two-factor authentication. Multiple third-party integrations.

Row Easy: iOS Application Built to Assist Rowers

iOS application that synchronizes with Concept2 PM5 rowing machine over Bluetooth to display and collect live results. Parses incoming data to provide information beyond what is available on the build in display.

Stroke Prediction: Data Classification Application

Application created to predict if an individual is at risk for a stroke based on personal lifestyle values. Coded multiple data science classification algorithms such as linear regression, k-neighbors, naïve bayes, and decision tree. Trained with large data sets and built using Python. Tested with Data Science libraries such as NumPy.

Skills:**Hard Skills:**

- Java
- Python
- Swift
- AI Development and interaction
- C/ C#/ C++
- JavaScript
- Web Development
- Application Development
- .NET
- Data Science
- Design
- UI/ UX
- React
- Databases
- APIs
- Testing

Soft Skills:

- Determination
- Time Management
- Creativity/ Design
- Dedication
- Quick learner
- Strong work ethic
- Adaptability