

Matthew Booe

Software Engineer

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About

Software Engineer with 3 years of experience building enterprise scalable developer services for machine learning inference and training. Background in starting and running technical communities and open source projects. With a goal to explore and leverage technologies to make genuine impact on people's lives.

Education

University of Florida • Computer Engineering
Bachelor's Degree • Entrepreneurship Minor
2014 - 2019

Side Projects

URShort

A blazingly fast and amazingly simple URL shortener designed for self-hosters • Rust, Docker

The Force

A Star Wars themed programming language. All keywords are made up of quotes from the movies and it is fully armed and operational • Rust

Skills

C# • ASP.NET • Rust • Python • Linux • Docker • Visual Studio • Visual Studio Code • Azure • App Services • Storage • Key Vault • Redis • Batch • Data Factory • Project management • Leadership

Interests

Open source software • Self hosting • Community building • Customer feedback • Mentoring • Process improvements

Work Experience

Microsoft • Software Engineer II

2021 - Present • Redmond, WA

- Collaborated with data scientist to build machine learning powered Azure services with developer tool integrations serving millions of requests daily within a hundred milliseconds
- Upgraded internal platform and partner services to use Open Telemetry and comply with all privacy requirements, enabling the team to have consistent and safe access to data understanding service operation
- Focused on improving our teams processes and infrastructure such established creating runbooks to share knowledge at critical moments, investigated build and release system improvements, and streamlined process to improve team efficacy
- Lead Early in Career employee resource group to onboard hundreds of new hires and provide dozens of hours of interviews and discussions for recent hires to learn from

Microsoft • Software Engineer I

2019 - 2021 • Redmond, WA

- Upgraded and scaled an inference service and Azure CLI integration from dozens of daily requests to hundreds of thousands
- Built out Visual Studio search inference services in several weeks by leveraging previous work modularizing services and code sharing across the team
- Mentored dozens of new hires and college students as well as spent several months growing the skills of a service reliability engineer new to the field

Microsoft • Software Intern

2018 • Redmond, WA

- Created a machine learning training pipeline to analyze Visual Studio telemetry to recommend Azure services and tutorials
- Built reusable nodes for other training pipelines to connect to internal database

Other Experience

Saber Guild • Performer

2021 - Present • Seattle, WA

- Joined not-for-profit, Lucasfilm-recognized Star Wars costuming group that specializes in choreographed lightsaber shows to raise funds for charity
- Regularly rehearsed, practiced improv and stage fighting, and written and performed scripts

Open Source Club • Founder

2016 - 2019 • Gainesville, FL

- Created club to promote, support, and create open source software among college students
- Established structure and culture that allowed the club to continue and grow till the present

Eagle Scout Project • Scout

2011 - 2012 • Palm Bay, FL

- Planned, organized, and installed a drip irrigation system for the Lockmar Community Garden, enabling residents to have more precise control of gardens and lowered participation barriers
- Oversaw more than forty people over the course of hundreds of work-hours