Matthew Erickson

mataclysm.com
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EXPERIENCE

Independent — Game Developer

March 2024 - Present

Microsoft — Senior Software Engineer

April 2020 - March 2024

- Created feature-rich application for monitoring VM access in secure clouds
- Designed and implemented solutions to solve reliability, performance, and resilience issues
- Created modular applications and systems so other teams could solve similar problems
- Mentored junior developers

Expedia Group — Software Engineer

August 2016 - February 2020

- Developed for the Expedia Search Service which serves 100 million search requests per day
- Reduced app startup time by 50%. Improved metric calculation time from 2 hours to 1 minute
- Leveraged AWS Elasticsearch to improve performance, data modularity, advanced searching
- Implemented ranking and personalization features that generated millions in revenue annually

Western Washington University — ACM Mentor

February 2015 - June 2016

Limelight Networks — Software Engineer Intern

June 2015 - September 2015

EDUCATION

Western Washington University — B.S. Computer Science

September 2012 - June 2016

MISCELLANEOUS

Technology Patent — Microsoft, 2021
Contributed to design for novel commanding and querying of remote machines to facilitate sovereign cloud operations

Gold Star Award — Expedia Group, 2018
Received for exceptional performance

SKILLS

Languages
C#, Java, Python

Frameworks & Tools
Git, Visual Studio, PowerShell

Operating Systems
Windows, Linux

Other Technologies
Various AWS and Azure products