

Matthew Erickson

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EXPERIENCE

Mar 2024 - Present	Game Developer	Independent
Apr 2020 - Mar 2024	Senior Software Engineer	Microsoft
<ul style="list-style-type: none">Created feature-rich application for monitoring VM access in secure cloudsDesigned and implemented solutions to solve reliability, performance, and resilience issuesCreated modular applications and systems so other teams could solve similar problemsMentored junior developers		
Aug 2016 - Feb 2020	Software Engineer	Expedia Group
<ul style="list-style-type: none">Developed for the Expedia Search Service which serves 100 million search requests per dayReduced app start time by 50%. Improved metric calculation time from 2 hours to 1 minuteLeveraged Elasticsearch to improve performance, data modularity, advanced searchingImplemented ranking/personalization features that generated millions in revenue annually		
Feb 2015 - Jun 2016	ACM Mentor	Western Washington University
Jun 2015 - Sep 2016	Software Engineer Intern	Limelight Networks

EDUCATION

Sep 2012 - Jun 2016	B.S. Computer Science	Western Washington University
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AWARDS & ACHIEVEMENTS

Sep 2021	Technology Patent	Microsoft
<ul style="list-style-type: none">Designed querying/commanding of remote machines to facilitate sovereign cloud operations		
Jun 2018	Gold Star Award	Expedia Group
<ul style="list-style-type: none">Received for exceptional performance		