

Evan Waldmann

Software Engineer

evanwaldmann.org

EXPERIENCE

Microsoft

Software Engineer

Redmond, WA

Jan. 2021 - present

- Maintained, improved, and built upon fabric controller and AzSM (services for virtual machine CRUD operations)
- Owned features and bug fixes from initial code to deployment to prod and maintaining thereafter
- Sifted through massive amounts of logs to debug, fix, and write up RCAs for live site/customer tickets
- Worked on cloud scale – applications would see many billions of calls where performance was measured at P99.9
- Planned and justified features and fixes with data-driven approach
- My on-call scope was much larger than the normal engineer's; I covered all services under Azure's Compute Manager set of families which included from the time you provision the VM in Azure Portal, all the way through allocation/creation on a node in the data centers, the service healing/auto-recovery of the VM if needed, to the eventual deallocation and deletion of metadata.

Deloitte Consulting

Solution Analyst in Government and Public Sector: Systems Engineering

Lake Mary, FL

Sept. 2019 - Dec. 2020

- Fullstack C#/.NET, SQL, Angular/Web, Java, and Python developer mostly working in Agile environments
- Lead (and sometimes was the only) developer on smaller teams/projects
- Specialized in back-end code/infrastructure/design (C#/.NET/SQL)
- Worked extensively with AWS Lambda Python on project for file management/tracking with S3 and RDS SQL
- Obtained Top Secret and Public Trust clearances

Harvard University

NSF Funded Research Intern at Harvard Forest REU (Advisor: Jonathan Thompson)

Petersham, MA

Summer 2018

- Worked with landscape models to predict how forest disturbances could influence forest composition
- Modeled dynamic human response to fire in LANDIS-II with R and ArcMap

Ellucian

Process Support Intern

Maitland, FL

Summer 2017

- Analyzed existing project data to provide metrics on past projects with Java
- Documented and elaborated on requirements for reusable data migration template
- Optimized data migration prototypes through analysis of system structure

Campus Ambassador at UCF

Spring 2018

- Communicated Ellucian's brand and opportunities to UCF students
- Performed tasks such as hosting information sessions and providing contacts to recruiters

University of Central Florida

Research Assistant (Advisor: Jonathan Beever)

Orlando, FL

Spring 2017 - Spring 2019

- Performed data analysis and data visualizations of soundscape recordings in R

EDUCATION

Burnett Honors College at the University of Central Florida

*Bachelor of Science in Mathematics with minors in Computer Science and Statistics
magna cum laude (GPA: 3.925)*

Orlando, FL

Spring 2019

SKILLS

Languages: R, Java, Matlab, L^AT_EX, C# (.NET), C, C++, Python, VBA for Excel, Bash/Batch, SQL, SVN, HTML/CSS, SAS, KQL, PowerShell & other Microsoft languages

Software: ArcMap, Photoshop, Git, GitHub, GitLab, MS Office Suite, VS Code, SSMS/MS SQL Server, AWS, RStudio, Eclipse, Visio, Jira, Angular, React, Service Fabric, Azure Devops & other Microsoft tools

Remote work preferred, otherwise willing to work out of Seattle, WA or Orlando, FL areas
Reach me at waldmannevan@gmail.com or 321-261-5090 (email preferred)