

Andrew Myers

(330) 840-0728 | andrewmyersinc@gmail.com | Seattle, WA

Education

The Ohio State University | Columbus, OH
Computer Science and Engineering | 05/2020

- Graduated Magna Cum Laude - 3.7+ GPA
- Minors: Neuroscience; Security and Intelligence
- CS Major with Specialization in Artificial Intelligence

Experience

AWS | Seattle, WA
Software Development Engineer II | 10/2020 - Present

- Managed source code of 'EBS direct' public APIs which receive billions of calls per day. I implemented new features, investigated fault and latency spikes, responded to alarms, and made bug fixes when needed.
- Investigated a resource leak that caused >\$1mil/month in AWS EBS resource costs. I implemented a solution to prevent future leaks, and safely deleted 23,000 EBS volumes totaling 11 PB.
- Optimized code which led to a 35% reduction in average latency for one public API.
- Implemented infrastructure scaling policies which led to >\$10,000/month in cloud cost savings.
- Mentored 3 new hires as they onboarded with Amazon. I introduced them to the company, supported their onboarding, and provided technical guidance for their work to help them become successful contributors.
- Designed serverless workflow which uses Apache Spark to process and delete unnecessary Snapshot metadata.
- Expanded EBS direct APIs product into 5 new regions. Led a team of 3 engineers as we created pipelines, built cloud infrastructure, and deployed service code to support new regions.
- Designed and implemented automated solutions to streamline region build, reducing effort from 8 weeks to 3 weeks.
- Implemented authorization changes for the public APIs which give expanded access to a few internal services.

Procter & Gamble | Cincinnati, OH
Cloud Network Architecture Intern | 05/2019 - 08/2019

- Rebuilt networks within AWS and Azure to reclaim over 100,000 IP Addresses that were not being properly utilized.
- Developed scripts to automate operations within Azure while ensuring the consistency and functionality of apps.
- Created a program to automate AWS and Azure network documentation by scraping the entire network configuration.

Daily Horoscopes | Amazon Alexa Skill
Creator | 08/2017 - 01/2019

- Created an Alexa app that reads out the daily horoscope of user's sign. Backed by JavaScript on AWS Lambda.
- Published the app to the Amazon App Store, achieved over 100,000+ total uses and 10,000+ unique users.

Tech Corps | Cleveland, OH
Technical Instructor | 04/2018 - 09/2018

- Instructed week long classes to expose students grades 3-12 to emerging fields of technology.
- Created and executed lesson plans for web development, cybersecurity, programming fundamentals, and 3D printing.

Supreme Scout Bot
Founder and Developer | 02/2016 - 03/2017

- Designed a program to place online orders for high-demand items with quick sellout times.
- Developed the program with a friend to successfully checkout items in less than 1.7 seconds using Python and HTTP.
- Built a dynamic, PHP-based site to allow users to access the program and automate and publicize use of the bot.

Skills

Java, Python, JavaScript, Spark, Hadoop, AWS, Object Oriented Programming, Distributed Systems, Leadership