# Alexandro Fuentelzas

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## Education

**George Mason University**  —  Falls Church, VA
*Bachelor of Science in Computer Science*  —  GPA: 3.76 - Magna cum laude

**Relevant Coursework:** Algorithms, Concurrent and Distributed Systems (Java), Databases (SQL), Data Structures (Java), Operating Systems (C), Object-Oriented (Java),
**Honors:** Dean's List, Member of Honors College

## Experience

**Amazon Web Services (AWS) - CloudTrail**  —  Arlington, VA
*Software Development Engineer 2 - Full Stack*  —  December 22' - Present

- Led several teams through the design, implementation, testing, and owned the launch of CloudTrail's new event called Network Activity. This product is projected to earn 28M in revenue throughout 2025 and over 64M in revenue in 2026.
- Led CloudTrail through multiple high visibility security issues regarding data enumeration and exfiltration. Collaborated with various teams across the CloudOps organization and worked closely with leadership to close on a solution to prevent malicious actors from leveraging open gaps and improve CloudTrail's security posture.
- Led the design and implementation of CloudTrail auditing support for IAM's temporary root sessions. This feature is responsible for aiding customers to audit temporary root sessions assumed using STS.
- Introduced canonical versioning support for CloudTrail's logging library. This change in versioning increased feature adoption by 600% and significantly improved the CloudTrail integration experience for AWS.

**Amazon Web Services (AWS) - CloudTrail**  —  Arlington, VA
*Software Development Engineer 1 - Full Stack*  —  February 21'' - November 22''

- Supported my team through the launch of CloudTrail's open audit events feature. Owned the CloudTrail onboarding process and integrated CloudTrail's logging library with CloudTrail's new service to enable auditing.
- Led the end-to-end development for the expansion of exception handling of CloudTrail events. A variety of 4xx errors can now be logged by CloudTrail,, greatly improving the scope of the logging system's auditing capabilities.
- Contributed to the release of a 6 year project that greatly improved the onboarding experience for AWS services, greatly reducing the onboarding time from roughly 2-4 weeks+ to less than 2 weeks. Led the pentesting process for our team and collaborated with senior engineers to successfully launch this product.

**Amazon Web Services (AWS) - Systems Manager**  —  Arlington, VA
*Software Development Engineer Intern*  —  June 20' - August 20'

- Developed a modular component for the AWS Patch Manager and Managed Instances consoles under Systems Manager that displays patch metadata for supported operating systems.
- Improved the user experience by optimizing search functionalities to facilitate patch filtering for operating systems and applications and tailored the component to clearly distinguish the type of patches being viewed by customers.

## Leadership and Awards

**Bitcamp - EyeBank**  —  University of Maryland Hackathon
*Developer*  —  April 2019

- **Awards:** Won 1st place best financial hack sponsored by Capital One and won Bitcamp Compass Challenge.
- Developed and deployed a python application on a mock ATM to assist the visually impaired in managing their personal finances. Utilized TensorFlow and YOLO for facial recognition of the user, Python's text-to-speech library, and google cloud's speech-to-text service to facilitate the user's interaction with the ATM.

**HoyaHack - Weapon Detection Application**  —  Georgetown University Hackathon
*Developer*  —  February 2019

- **Awards:** Won 1st place best software hack sponsored by Microsoft, 2nd place Amazon Web Services hack, and 3rd place overall Georgetown University Hackathon.
- Built a software service to detect weapons in real-time using camera footage and image classification using YOLO Convolution Neural Network and created dashboards using AWS, Google Maps API, HTML ,CSS, and Javascript.

## Skills

**Languages:** Java, Python, SQL, C, Rust, Javascript, Typescript, Ruby, SQL, HTML, CSS, Assembly x64
**Frameworks/Tools:** ReactJS, Spring, Redux, NodeJS, Django, Express, MongoDB, ANT, Mockito, Git, Version Control