Federico Hurtado

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College Location: Blacksburg, Virginia | Permanent Address Location: Fairfax, Virginia

OBJECTIVE

Incoming computer science graduate from Virginia Tech, eager to apply my skills in software engineering and contribute to a dynamic team. Looking to leverage my skills and past experience in a full time position.

EDUCATION AND CERTIFICATIONS

B.S. Computer Science, Virginia Tech, expected December 2024, Major GPA: 3.3/4.0 | Overall GPA: 3.2/4.0
OCI Cloud Infrastructure Foundation (2024)

SKILLS

Java | Python | Javascript | Typescript | HTML | CSS | C | React | Spring Boot | Node.js | Flask | Machine Learning | Pandas | NumPy | Git | Docker | AWS | OCI | MySQL | MongoDB | Unit testing | RESTful API Development | Responsive Front-End Development |

TECHNICAL PROJECTS

Oracle Intern Project, *Oracle, Summer 2024*
Skills: Data Analysis, Full Stack Development, OCI services
- Conducted in depth user behavioral analysis to detect and mitigate suspicious activity for SaaS customers.
- Integrated and analyzed multiple log streams to map comprehensive user session behavior.
- Authored and maintained a detailed design document, ensuring seamless knowledge transfer and project continuity.

Amazon Intern Project, *Amazon, Summer 2023*
AWS Skills: CDK, SDK, API Gateway, Lambda, S3, CloudFormation, CloudWatch, CloudFront
- Designed and implemented a full stack internal tool hosted on AWS to track and analyze the accuracy of parameters sent by ad servers to user video streams, ensuring alignment with expected values.
- Developed and automated deployment scripts using AWS CDK, streamlining the provisioning of AWS infrastructure components across user accounts.

Personal GitHub: https://github.com/FedericoHurtado

EXPERIENCE

Software Engineer Intern, Oracle
Santa Clara, CA | May 2024-August 2024
- Engaged in a 12-week internship as part of the SaaS Security Engineering team, which develops full-stack applications to monitor and enhance security for all Oracle SaaS products.
- Integrated UBA and existing security logging solutions to identify and flag suspicious user activity for SaaS customers.
- Trained and became certified on cloud computing architecture.

Software Development Engineer Intern, Amazon
Crystal City, VA | May 2023-August 2023
- Completed a 10-week internship on Amazon's Ad Enabled Content Systems team, focusing on developing skills in AWS services and software development.
- Built and deployed a project to report error rates in parameters sent to user devices by both internal and third-party ad servers.
- Delivered a technical presentation on the project to multiple teams across various locations in the U.S.

Undergraduate Teaching Assistant, Virginia Tech Blacksburg, VA
January 2024-May 2024
- Undergraduate teaching assistant for Introduction to Artificial Intelligence in the Spring 2024 semester at Virginia Tech.