Devin Lim

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Education

Seattle University — Seattle, WA
BS in Computer Science, *cum laude* — September 2018 - June 2020

Tacoma Community College — Tacoma, WA
AS in Computer Science, with honors — March 2016 - March 2018

Experience

Amazon - Senior Capstone — Seattle, WA
Student Software Developer — October 2019 - June 2020

Description:

- Built a WebRTC video call web-app with Node.JS and Express
- Built a robust, automated AWS pipeline that collects and analyzes information from individual calls
- Produced test data and developed a regression model to quantify the quality of a call based on network metrics

Acquired experience: AWS EC2, Kinesis Data Stream + Firehose, S3, Lambda, ElasticSearch + Kibana, IAM, Cognito, Route53, WebRTC, NGINX.

Polyverse Corporation — Bellevue, WA
Compiler Engineer Intern — July 2019 - September 2019

Description:

- Demonstrate a 100% mitigation of deserialization attacks through the use of Moving Target Defense on Java classnames (i.e. classname scrambling), which would've prevented RCE attacks such as the equifax breach
- Demonstrate that JVM classname scrambling is operationally viable and achievable in production systems and does not break or change normal behavior of the program

Acquired experience: Java Language and Virtual Machine Specifications, OpenJDK 12 (esp. java.base, jdk.compiler, and hotspot modules), automation with bash and regex (sed + awk), AWS EC2, Docker.

MG2 Corporation — Seattle, WA
IT Support Specialist Intern — July 2018 - September 2018

Description:

- Solved issues submitted through internal ticketing system
- Expanded inventory management system

Acquired experience: Windows Enterprise & Active Directory, Cisco switches, ManageEngine, Barracuda networks

Other Skills

Languages:	Java, Go, C++, Python
Linux:	Daily use of Linux systems for 5 years as a hobbyist. Strong advocate for Linux on desktops.
	Experienced in using various UNIX tools and shell scripting for a more efficient workflow.
Scalable Systems:	Major focus during senior year (Distributed Systems, Cloud Computing, and Parallel electives).
	Understanding of bottlenecks, tradeoffs, and priorities within a distributed system design choice.
	Conceptual knowledge of common distributed systems such as Chord, DynamoDB, GFS, Hadoop.
	Introductory use of EC2 Auto Scaling, ElasticLoadBalancing, AWS RDS, Spark + MapReduce.
Hardware:	Assemble / disassemble computer systems, identify and troubleshoot faulty hardware.
Source Control:	Git + Github / Gitlab / AWS Codecommit, Mercurial
Real Languages:	English, Indonesian