Benjamin Tran

US Citizen | btran083@outlook.com | (909)-367-9168 | LinkedIn: btran083

EDUCATION

California State Polytechnic University - Pomona   **Pomona,California**

M.S. in Computer Science   *Expected Graduation, May 2026*

- o **Concentrations:** Cybersecurity and Network Infrastructure
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Object-Oriented Programming, Statistics & Applications, Computer Architecture, Operating Systems, and Software Engineering

EXPERIENCE

Amazon   **Chino, California**

FC Associate / IT Assistant   *Sep 2020 – Jan 2022*

- Created Python scripts to construct a pipeline that retrieved performance data from the AWS cross-regional team
- Collaborated with IT teams to troubleshoot and resolve networking issues.
- Utilized various AWS resources such as Glue Crawlers, S3, Lambda, Redshift, and Quicksight to develop a dashboard displaying real time metrics.
- Utilized Microsoft Excel for data analysis and reporting, contributing to process optimization.

PROJECTS

NachosOS

- Features emulation for: A CPU (a MIPS CPU), A hard drive, An interrupt controller, timer, and misc. other components
- The wrapper functions for various system calls of the OS kernel are generally implemented in a manner similar to that of the UNIX system calls.

RESTful API

- An interface that two computer systems use to exchange information securely over the internet.
- Follows secure, reliable, and efficient software communication standards.
- Optimizes client-server interactions.

CERTIFICATIONS

- AWS Cloud Technical Essentials
- Google Cyber Security Professional
- AWS Fundamentals: Addressing Security Risk
- Building Modern .NET Applications on AWS
- Practical Data Science on the AWS Cloud
- Foundations of Cybersecurity by Google
- Tools of the Trade: Linux and SQL

SKILLS

Programming: Java, Python, HTML/CSS, SQL, MATLAB, ADB (Android)
Tools: Android Studio, Git, AWS