

Thinh Pham

thinhpam3103@gmail.com | Dallas, Texas | 504-327-0332
<https://thinhhikins.com>

OBJECTIVE

Seeking for an entry level position to further develop my skills and expertise in cloud computing focusing on cloud software development and infrastructure.

PROFESSIONAL HISTORY

Systems Engineer Intern

Levi, Ray & Shoup, Inc. (LRS)

May 2023 - August 2023

- Install Printing Software including VPSX, PPM, LRS Gateway, Mobile Connector, etc.
- Develop applications and scripts using Python and XML to create software tools and program snippets that support reusable components.
- Troubleshoot to support staff and customers with resolution of systems issues, malfunctions or software programming problems.
- Configure the infrastructure and server network of the software according to customer needs.
- Implemented a simple Fast API for print job submission.

PROJECTS

Portfolio: <https://github.com/thinhpam3103>

Toyota Tsuyo Systems - TCG MARS Emulator in RUST (Cybersecurity)

- Implemented and tested MARS cryptographic algorithms Ascon, AES-128, SHA256, & HMAC in Rust.
- Migrated code from Python and C to Rust.
- Produced MARS Crypt layer that incorporated with various algorithms including key derivation, hashing, signing, and signature verification.

Flappy TEMOC - Unity with C# (Game/Graphic design)

- Implemented and designed a 3D version of Flappy Bird using Unity.
- Configured the physics and concept of 3D objects into the game using multiple cs scripts.
- Utilized Blender to create the TEMOC(bird) model.

LRS FASTAPI - Python (REST API)

- Created a RESTful API for job submission to the VPSX, a server that manages printing jobs run by LRS.
- This code essentially creates a web service that allows users to upload files. After an upload, it sends the file to a printer server for printing and provides feedback on the print job's status.
- Utilized POST and GET methods.

EDUCATION

Bachelor of Science - Computer Science

University of Texas at Dallas - 2023

CERTIFICATIONS

- AWS Cloud Practitioner

TECHNICAL SKILLS

- **Programming Languages:** Knowledge of Rest API, C, C++, Java, JavaScript, Python, UNIX/LINUX, AWS Services, Rust, XML, Docker, HTML, CSS, JavaScripts.
- **Software/ Platform:** Proficient with FastAPI, Microsoft Office Suite, GitHub, Stack Overflow, MS Teams, Eclipse, VS Code, MobaXterm, MySQL.