

RYAN LAHLOU

Software Engineer | Undergraduate Researcher

(405) 719-4190
github.com/lryanle
contact@ryanlahlou.com
linkedin.com/in/lryanle

EDUCATION

University of Texas at Arlington
Bachelor of Science in Computer Science

(expected) **December 2024**
GPA: **3.98/4.00**

Moore High School
High School Diploma, **Valedictorian**

May 2021
GPA: **4.80/4.00**
Rank: **1/563**

SKILLS

Programming Languages Java, Typescript, HTML/CSS/JavaScript, C/C++, SQL, Python, Bash, Lisp

Frameworks/Tools React, NextJS, Angular, NodeJS/npm, Tailwind, Spring Boot, Docker, MongoDB, SQLite, Keras, Vercel, Figma, Adobe CC, Numpy, FastAPI, Svelte, Firebase, Git, Unix, Tensorflow, Sonar, Lua

EXPERIENCE

JPMorgan Chase & Co - Software Engineering Intern

June 2023 -
Aug. 2023
(3 mo)

- **Won 1st Place** at firm-wide JPMC Global Innovation Day with a project decreasing food court POS times by 40%, boosting employee checkout experience by mitigating time needed to checkout.
- **Enhanced SRE response efficiency by 35%** by developing and deploying a fullstack **React** and **Spring Boot** application 3 times in a custom CI/CD pipeline developed in 9 one-week sprints.

UT Arlington - Office of Undergraduate Research Ambassador

Oct. 2022 -
present

- Delivered 10+ talks to 1000+ university students emphasizing the importance of undergrad research
- Mentored 8 students, offering valuable industry insights and personalized 1:1 course tutoring.

IBM - Accelerate Talent ID Hardware Developer

June 2022 -
Aug. 2022
(3 mo)

- Mentored by industry-leading IBM professionals in training sessions to develop both technical and foundational skills that covered topics such as fullstack software and hardware development.
- Engaged with a team of 3 students in multiple team projects, exercises, and final research paper.

NSF - REU Student Researcher

June 2022 -
Aug. 2022

- Designed and trained different machine learning models to procure an accuracy of ~90% on EEG and LiDAR classification using **TensorFlow 2**, **NumPy**, **Pandas**, and a variety of other ML libraries.
- Drafted papers and gave oral presentations displaying innovative results throughout the program.

Security and Privacy Research Lab - Research Assistant

Feb. 2022 -
present

- Engineered an open source interface and API in a university research and company-funded setting by working closely with a PhD researcher in **Next.js** (React), **Express**, **SQLite**, and **Node..**

PROJECTS

HackUTA 2022 - Major computer science event and event website built with Svelte, JavaScript, SCSS
Founded a premiere hackathon in Dallas (top 3)

Summer 2022 -
Winter 2022
(6 mo.)

- Coordinated a team of 53 organizers, mentors, and volunteers as the lead director to host 33+ events across a 24 hour hackathon for 700+ registrants with 350+ in-person attendees.
- Consolidated with industry professionals and sponsors to raise \$30,000+ for the hackathon

Threat Finder - Native application built with Python, Flask, Pandas, Folium, and Twaro

Spring 2022

Application that aims to help protect users from phishing links on Twitter

- **Placed 1st out of 12 teams** by developing a Python app that would take phishing links on Twitter, verify the illegitimacy using virus total, and visualize the data into a map and database. This work was presented at the Student Computing Research Festival.
- Presented to an audience of 200+ people and a panel of industry experts and researchers.

LEADERSHIP & AWARDS

Awards Presidential Scholar, Collegeboard AP Scholar, inSTEM Scholar, ISACA NTX Finalist, OurCS@DFW Best Project
Leadership Association for Computing Machinery UTA Founder & President, HackUTA Founder & Executive Director, University of Texas at Arlington Honors College, Society of Asian Scientists and Engineers Officer)