

# RYAN LAHLOU

Software Engineer | Software Engineer Intern

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## EDUCATION

**University of Texas at Arlington**  
Bachelor of Science in Computer Science

(expected) **May 2025**  
GPA: **3.90/4.00**

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

**May 2021**  
GPA: **4.80/5.00**  
Rank: **1/563**

## RELEVANT COURSEWORK

**Algorithms & Data Structures**, Intro to Computer Science and Engineering, Intro to Computers and Programming, Intermediate Programming, Object-Oriented Programming, Computer Organization

## SKILLS

Languages: Javascript, HTML/CSS, SQL, Java, C/C++, Python  
Tools/Frameworks: React, Vscode, IntelliJ, Node.js, npm, discord.js

## EXPERIENCE

**Security and Privacy Research Lab** - Research Assistant

Spring 2021

- Connected front-end to back-end in a university research setting by working closely with a PhD researcher to develop a front end interface in Python and Javascript.
- Developed table and map visualization for researchers to easily read thousands of data entries.
- Scraped 1000 data entries/hour by leveraging Twarc, Twitter API, and Pandas.

**Warrior Fireworks** - Lead Web Developer

Spring 2018  
(1 yr)

- Accomplished 31,000 page views YoY as measured by internal analytics dashboard by designing and implementing website with Squarespace
- Communicated with a team of 3 members to deliver informational business website
- Created an inventory management workflow to keep track and communicate stock of products

## PROJECTS

**Threat Finder** - Native application built with python, flask, pandas, folium, and twarc

Spring 2021

*Application that aims to help protect users from phishing links on twitter*

- Won first place 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 100+ people and a panel of industry experts and researchers
- Utilized Twitter, Twarc, Flask, Pandas, and Folium APIs to display organization's location with html

**Moorekeyclub.com** - Website built with JS, HTML/CSS

Fall 2020  
(6 mo)

*Informational website for Key Club at Moore High School, displays upcoming events, about us, gallery*

- Awarded "Best Websites" out of 84 other student submitted websites by designing, implementing, and publishing a website for Moore High School with over 7000 lines of code
- Implemented Google Calendar API to display events and information to users
- Hosted application online using web hosting solution Namecheap

**lryanle.com** - Static website built with JS, HTML/CSS

Spring 2019

*Personal website listing past work experience and projects completed*

- Designed and developed front end with Figma, simplex noise library, and html/css/javascript
- Built-in url shortener using Github issues

## LEADERSHIP & AWARDS

Presidential Scholar, Collegeboard AP Scholar, inSTEM scholar, UT Arlington Honors College, Mobi (Mobile Development Club at UT Arlington), Society of Asian Scientists and Engineers (SASE), IEEE