RYAN LAHLOU

Software Engineer | Software Engineer

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EDUCATION

University of Texas at Arlington   *(expected)* **May 2025**
Bachelor of Science in Computer Science   GPA: **3.97/4.00**

Moore High School   **May 2021**
High School Diploma, **Valedictorian**   GPA: **4.80/5.00**
                                                                         Rank: **1/563**

SKILLS

Languages: Javascript, HTML/CSS, SQL, Java, C/C++, Python
Tools/Frameworks: Git, React, Vscode, IntelliJ, Adobe CC, Figma, Fusion360, Node.js, npm, discord.js

EXPERIENCE

IBM - Accelerate Talent ID Hardware Developer Track   Summer 2022
- 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 about 100 other students in multiple team projects, labs, exercises, and assessments

Security and Privacy Research Lab - Research Assistant   Spring 2022
- 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 thousands of data entries/hour by leveraging Twark, 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 2022
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

RELEVANT COURSEWORK

Algorithms & Data Structures, Operating Systems, Programming Languages, Database Systems, Object-Oriented Programming, Computer Organization, Fund. of Software Engineering

LEADERSHIP & AWARDS

Presidential Scholar, Collegeboard AP Scholar, inSTEM Scholar, Association for Computing Machinery (Founder; President), UT Arlington Honors College, Mobi (Mobile Dev. Club at UT Arlington), Society of Asian Scientists and Eng. (Officer), IEEE