

Quynh-Anh T. Vu

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EDUCATION

Bachelor's of Science in Computer Science

Anticipated Graduation: May 2022

University of Houston

- Cumulative GPA: 3.92/4.00, Major GPA: 4.00/4.00
- Relevant Coursework: Data Structures, Algorithms, Operating Systems, Computer Architecture, Data Science and Machine Learning, Database Systems, Interactive Computer Graphics, Digital Image Processing, Intro to Game Development

SKILLS

- C++, C#, Python, Java, JavaScript, R, HTML, CSS, SQL
- React, Blazor, Unity, ASP.NET, Node.js, Axios
- Git, Docker, MongoDB, Visual Studio, Windows, Mac OS, Photoshop, Premiere Pro

WORK EXPERIENCE

Software Engineer Intern

Aug 2021 - Present

Boeing — Houston, TX

- Selected by team to work on web-based collaboration projects with NASA
- Created a UI in Blazor for employees to access DevOps test results via web API and ASP.NET framework

Computer Science Mentor

Jan 2021 - May 2021

University of Houston — Houston, TX

- Held office hours to assist university students in multiple beginner computer science courses
- Delivered guidance and feedback to students on healthy programming practices

PERSONAL PROJECTS

Platformer Game

Sept 2021 - Present

- Constructing a 2D fantasy action-adventure role-playing game in Unity/C#
- Leading a team of peers to produce original music, art, and level designs

Valorant Lineup Website

Aug 2021 - Present

- Designing a mobile-friendly tool in HTML/CSS that displays arrangements for skill shots in Valorant

Cryptocurrency Tracker

Sept 2021

- Displayed real-time crypto prices on a responsive site using Coingecko API
- Utilized React Hooks to enable search bar and set coin attributes fetched by Axios

Wine Quality Data Analysis

May 2021

- Extracted data from Kaggle to implement predictive models that determine key predictors in quality
- Trained the models on 1200 data points to get the mean testing error below 30%

CS:GO Text Mod

Jan 2021

- Constructed a public anti-cheat friendly mod that color-codes and simplifies in-game text

Robosyn Discord Bot

Dec 2020 - Jan 2021

- Developed a Java bot using a JDA wrapper to maintain various server moderation tasks
- Created K-pop themed minigames for users to play with data stored under MongoDB

HONORS

Dean's Distinguished Scholars List at University of Houston

Feb 2020 - Present