Edison **Huang**

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Education

University of Virginia *Charlottesville, VA*
BACHELOR OF ARTS IN COMPUTER SCIENCE *Class of 2025*

- GPA: 3.631/4.0
- Minors: Data Science & Chinese
- Coursework: Data Structures and Algorithm 1 & 2, Discrete Mathematics 1 & 2, Computer Systems and Organization 1, Software Development Essentials, Introduction to Cybersecurity

Skills

Languages	Python, Java, JavaScript, C, SQL/SQLite, R, Lua
Tools & Frameworks	HTML, CSS, React, JavaFX, Git, JUnit 5, Mockito, VS Code, IntelliJ, Eclipse, Microsoft Powershell, Microsoft Office
Design	Figma, Adobe Photoshop, Canvas, InVision

Work & Leadership Experience

University of Virginia | School of Engineering *Charlottesville, VA*
COMPUTER SCIENCE TEACHING ASSISTANT *Sept. 2023 - Present*

- Directed weekly lab sessions of over 80 students and guided students through assignments using Python in PyCharm
- Applied strong analytical and problem-solving acumen to help debug and reinforce learning concepts for over 20 students in peer-to-peer office hours.
- Delivered personalized feedback through grading homework and exams for over 700 students on a weekly basis.

University of Virginia *Charlottesville, VA*
COMPUTER SCIENCE AMBASSADOR *Aug. 2023 - Present*

- Advised over 200 newly declared students during drop-in hours, aiding students in successfully navigating their academic challenges.
- Created and led over 5 informative FAQ sessions for prospective CS students, offering insights into the program and addressing their questions, enhancing their understanding and interest.
- Guided over 100 visiting students and their families, effectively highlighting the unique features and opportunities of the CS program at UVA.

ClearForce, Inc. *Remote*
CYBER SECURITY PRODUCT DEVELOPMENT INTERN *Jun. 2023 - Aug. 2023*

- Performed extensive data analysis and cleansing on a diverse dataset of over 5000 entries to ensure data accuracy and reliability for application models using Microsoft Office tools.
- Built new product prototypes and features for cutting-edge cyber security application platform via rapid prototyping using Figma.
- Implemented interactive prototypes into ClearForce's web application platform using React.js and generative AI tools.

Projects

Personal Portfolio Website
PERSONAL PROJECT – WIP

- Designed using Figma, this portfolio website was aimed to showcase my personal portfolio and to learn frontend languages.
- Currently building using HTML, CSS, and JavaScript.

Peppy the Discord Bot
PERSONAL PROJECT

- Created a Java-based Discord bot using Discord REST API, providing character information from the popular game, Honkai: Star Rail.
- Contains interactive commands that users can call to display a character's build information.

Course Evaluation Application
PERSONAL PROJECT

- Developed an application that allows a user to log into an account and to write and see a course evaluation review.
- Built with the MVC architectural pattern using Java and JavaFX for frontend GUI and SQLite for database management.

Interests

Interests	Dance, Video Games, Badminton, Baking, Traveling, Hiking, Game Design, Healthcare