

Jerry Li

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Jerry is a first-year student at the University of Virginia whose passion for computers began at age five. His fascination with interfaces and logic grew into an interest in UX and web design, reigniting in 2022 when he built a wiki for his high school team in the iGEM contest. After self-teaching HTML and CSS, he launched his own website and blog at jerryly.top. Since 11th grade, Jerry has pursued computer science courses, excelling in Data Structures & Algorithms I and Computer Systems & Organizations I. He has also learned JavaScript and is currently studying React, enriching his understanding of computer mechanisms and structures. Over this summer, he plans to learn more about the software development-oriented languages like Swift and server-side languages like SQL.

Education

University of Virginia Bachelor of Arts in Computer Science Relevant coursework: Applied Linear Algebra (A), Data Structures & Algorithms I (A), Computer Systems & Organization I (A-)	Charlottesville, VA August 2024 - Present
Second High School attached to Beijing Normal University Honor Roll Student, Cumulative GPA: 4.6/4.0	Beijing, China August 2021 - June 2024

Experience

iGEM Competition Web Design Group Leader Second High School attached to Beijing Normal University <ul style="list-style-type: none">Self-taught HTML and CSS in a month, developed a prototype of website layout within daysIntegrated Frozen-Flask Python packages to adapt to the iGEM repository structureRefined the layout and polished the contents of the site	March 2022 - November 2022 Beijing, China
Web Designer and Developer Personal Website https://jerryly.top <ul style="list-style-type: none">Under the VS Code IDE, utilized HTML to create content, CSS to design the appearance, and JavaScript to build “welcome” and “countdown” pages and common layout injectionOptimized performance and user experience with responsive design and interactive elementsContinued exploration into the backend with a separate blog subdomain powered by Flask	October 2022 - Present
Graphic Design Enthusiast Gallery of works available at https://jerryly.top/gallery <ul style="list-style-type: none">Using tools like Figma, Sketch, Photoshop and Illustrator, designed numerous posters, infographics and user interfaces for high school major events and publicationsProgression to 3D designs with Blender enabled me to utilize glass and shading to create intriguing visuals for the posters and advertise my design	2019 - Present

Projects

Interactive blog system An extension on my current web project <ul style="list-style-type: none">Building a blog system where anyone can post anything with the help of SQLLearning React to make my website reduce lines of code and improve responsiveness	February 2023 - Present
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Honors and Awards

International Genetically Engineered Machine (iGEM) Gold Medal; Top 10 Global High School Team; Best Presentation; Best Wiki	March 2022 – November 2022
High School Mathematical Contest in Modeling (HiMCM) Honorable Mention	November 2022 – May 2023
China Thinks Big (CTB) Grand Finals Fast Track Qualifiers and Regional First	Sep 2021 – Feb 2022

Fluent in

Programming Languages Python, Java, HTML/CSS, C	Artificial Intelligence Tools Claude, GitHub Copilot
Frameworks and Libraries Flask, React	Languages Chinese (Mandarin), English, French
Developer Tools Git/GitHub/GitLab, Stack Overflow	IDEs and Editors IntelliJ IDEA, Nano, Visual Studio Code