# Jiangyuan (Jerry) Li

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#### Education

## **University of Virginia**

Charlottesville, VA

Bachelor of Arts in Computer Science

Aug 2024 - Present

• Relevant coursework: Advanced Calculus and Linear Algebra I, Data Structures & Algorithms 1

## Second High School attached to Beijing Normal University

Beijing, China

Honor Roll Student, Cumulative GPA: 4.6/4.0

Aug 2021 - June 2024

### **Experience**

### iGEM Competition Web Design Group Leader

Mar 2022 - Nov 2022

Second High School attached to Beijing Normal University

Beijing, China

- Self-taught HTML and CSS in a month, developed a prototype of website layout within days
- Integrated Frozen-Flask Python packages to adapt to the iGEM repository structure
- Refined the layout and polished the contents of the site

# Web Designer and Developer | Personal Website jerryly.top

Oct 2022 – Present

- 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 injection
- Optimized performance and user experience with responsive design and interactive elements
- Continued exploration into the backend with a separate blog subdomain powered by Flask

# **Projects**

### Interactive blog system – an extension on my current web project

Feb 2023 – Present

- Building a blog system where anyone can post anything
- Learning SQL to move my website from static to dynamic

### **Honors and Awards**

Gold Medal; Top 10 Global High School Team; Best Presentation; Best Wiki, International Genetically Engineered Machine (iGEM)

Mar 2022 – Nov 2022

Honorable Mention, High School Mathematical Contest in Modeling (HiMCM)

Nov 2022 - May 2023

Author, "Analysis of the Causes and Governance Measures of Telecom Network Fraud in the New Era,"

Information and Communication Technology and Policy

Sep 2021 – Jul 2023

Co-author, "Cost-sensitive Cold Start Latency Optimization Mechanism in Function-as-a-Service," invited to present at the International Conference on Networking and Network Applications

Sep 2021 – Jul 2023

Grand Finals Fast Track Qualifiers and Regional First, China Thinks Big (CTB)

Sep 2021 – Feb 2022

Sanfan Award (Highest Award at SHSBNU, Top 5%) & Honor Roll

Sep 2022 – Jun 2024

#### Skills

Programming Languages: Python, Java, HTML/CSS, C

Frameworks and Libraries: Flask

**Developer Tools:** Git/GitHub/GitLab, Stack Overflow **Artificial Intelligence Tools:** Claude, GitHub Copilot

Languages: Chinese (Mandarin), English