

# Olivia Seto

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## EDUCATION

**University of Virginia | College of Arts and Sciences**

**Charlottesville, VA**

*B.A. Computer Science, Minors in Data Analytics and Public Policy*

*August 2021 – May 2025*

- Relevant Coursework: Data Structures and Algorithms I & II, Computer Systems and Organization I & II, Discrete Mathematics and Theory I & II, Software Development Methods, Advanced Software Development

## TECHNICAL SKILLS

**Languages:** Python, Java, C, R, HTML, CSS, JavaScript SCSS, SQL

**Frameworks and Libraries:** Bootstrap, React, Django, JUnit 5, Mockito, Stata

**Tools and Environments:** Git, Microsoft PowerShell, Gradle, Visual Studio Code, IntelliJ IDEA, RStudio, Spyder

## PROJECTS

**Restaurant Review Application**

*September 2023 – present*

- Creating a web application that enables users to explore nearby dining options through navigation assistance, detailed restaurant information, and user-generated reviews to elevate the overall dining experience
- Serving as a Scrum Master within an Agile framework to foster efficient project management and promote collaborative teamwork for a team of five
- Using Python and Django for web development, incorporating Google Sign-In and Maps API to improve user experiences, implementing GitHub Actions for smooth integration, and utilizing Heroku for cloud hosting

**Website of Chinese Student Association at University of Virginia**

*September 2023 – present*

- Building a website for a cultural organization on campus showcasing core values, events, leadership, alumni, and photos to enhance the club's professional representation
- Utilizing JavaScript, SCSS, and React to optimize website performance and managing content deployment through platforms including GitHub, Namecheap, and Netlify

**Course Review Application**

*November 2022*

- Developed a command line interface application enabling user account management, course review authoring, and access to course reviews
- Built with Java and SQLite in a three-layer architecture pattern and tested features with JUnit 5 and Mockito

## LEADERSHIP AND EXPERIENCE

**University of Virginia | School of Engineering and Applied Sciences**

**Charlottesville, VA**

*Lab Lead for CS 111x*

*January 2023 – present*

- Lead lab sessions of 80 students and guide students through supplementary assignments

*Teaching Assistant for CS 111x*

*September 2022 – present*

- Assist over 30 students per week learning Python in an introductory programming class
- Explain core computer programming concepts and implementation methods during weekly office hours
- Conduct grading for assignments and exams

**Chinese Student Association at University of Virginia**

**Charlottesville, VA**

*Culture Chair*

*April 2022 – April 2023*

- Directed organization's three Chinese culture showcases that attracted over 100 performers and 300 attendees
- Managed over 15 performances to ensure timely progress, maintained a catalog of over 300 pieces of inventory, and oversaw weekly practice scheduling at university recreational centers