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 and Leadership   *August 2021 - May 2025*

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

TECHINCAL SKILLS

Languages: Python, Java, C, JavaScript, HTML/CSS, R, SQLite, x86-64 Assembly
Frameworks and Libraries: Node.js, Bootstrap, JUnit 5, Mockito, JavaFX, Hibernate
Tools and Environments: Git, Linux, Gradle, Visual Studio Code, IntelliJ IDEA, Eclipse, RStudio

PROJECTS

Website of Chinese Student Association at University of Virginia (https://csa-at-uva.vercel.app/)

▪ Leveraged JavaScript, SCSS, and the Next.js framework to maintain a high-performance website
▪ Worked with GitHub, Google Cloud, Namecheap, and Netlify for website management and deployment

Course Review Application

▪ Command line interface course review application built with Java/SQLite and three-layer architecture pattern
▪ Program allows users to login in with a username and password, write course reviews for UVA courses, and see reviews for courses

LEADERSHIP

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 answer questions on Piazza

Chinese Student Association at University of Virginia   Charlottesville, VA

Culture Chair   *April 2022 – April 2023*
▪ Direct organization's three Chinese culture showcases that attract over 100 performers and 300 attendees
▪ Collaborate with other organizations, manage performances to ensure timely progress, maintain a catalog of over 300 pieces of inventory, and oversee practice scheduling at university recreational centers
▪ Choreographed and taught two original dances to 20+ people throughout the year for 1 hour/week respectively to be performed at cultural events

University Democrats   Charlottesville, VA

Campaign Committee Member   *September 2021 – present*
▪ Campaign for 5 hours per week in support of local, state, and national political elections through voter registration, canvassing, and phone banking
▪ Coordinate voter registration and census completion drives for Virginians and non-Virginians alike