

Junho Lee

yax3ad@virginia.edu | (703) 477-9100 | Fairfax, VA | leejunho.dev

EDUCATION

University of Virginia

BA, Computer Science and minor in Statistics

Expected May 2025

Charlottesville, VA

- Relevant Coursework: Data Structures and Algorithms 2, Computer Systems and Organization 2
- 4.0 GPA, two-time Dean's List of Distinguished Students

Thomas Jefferson High School for Science and Technology

High School, 4.502 GPA

June 2022

Alexandria, VA

WORK EXPERIENCE

Cornell Summer Research

Research Assistant

May. 2023 – Present

Remote

- Collaboratively implementing Python variation of existing Java software testing tool
- Evaluated pros and cons of Python modules to potentially integrate into project
- Wrote Python wrapper for Java packages to reuse components
- Fixed two bugs in related open-source repository; pull requests merged
- Designing/documenting software architecture and syntax for writing tests

UVA CS 2120: Discrete Mathematics and Theory 1

Teaching Assistant (During Academic Year, Excluding Summers)

Jan. 2023 – Present

Charlottesville, VA

- Holding weekly office hours to guide students through technical problems
- Participating in weekly staff meetings to grade quiz questions and discuss logistics
- Assisting instructor during lectures and answering students' questions

PROJECTS

Light CMS

May. 2023 – Present

- Building headless, serverless content management system (CMS) on AWS for website content
- Wrote Node.js REST APIs to fetch/edit hierarchical content on database with authentication
- Deployed cloud services under custom subdomains; working on React frontend
- AWS services used: Lambda, API Gateway, DynamoDB, Cognito, S3, CloudFront

DataProfiler (Open-source Contributions)

May. 2023 – Present

- Wrote 15+ pull requests merged into repository by maintainers
- Fixed project's Python type-checking configuration and resolved other type errors
- Researched solutions from other projects and discussed with maintainers on GitHub

ResuMatch (HooHacks 2023)

Mar. 2023

- Queried LinkedIn job data and matched descriptions to keywords from PDF resumes
- Wrote Flask backend with REST API, combining team members' contributions
- Presented project to hackathon judges with live demo

Wikipedia iOS App (Open-source Contributions)

Dec. 2022 – Jan. 2023

- Wrote 5+ pull requests merged into repository by maintainers
- Fixed bugs reported by users in large Swift/Objective-C codebase

SKILLS (Most to Least Proficient)

Python, Java, C++, JavaScript, React, Node.js, HTML, CSS, Git, Bash, AWS, R, Swift