Junho Lee

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

EDUCATION

University of Virginia **Expected May 2025**
BA, Computer Science and minor in Statistics *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 **June 2022**
High School, 4.502 GPA *Alexandria, VA*

WORK EXPERIENCE

Cornell Summer Research **May. 2023 – Present**
Research Assistant *Remote*
- Collaboratively designing and implementing a software testing tool in Python
- Evaluated pros and cons of Python modules to potentially integrate into software
- Wrote pull requests to fix bugs encountered in the related DynaPyt repository
- Planning software architecture and syntax; writing demo use cases
- Sharing findings in meetings and communicating through Slack

UVA CS 2120: Discrete Mathematics and Theory 1 **Jan. 2023 – Present**
Teaching Assistant (During Academic Year, Excluding Summers) *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