Daniel Lee

703-574-0001 | danlee@gatech.edu | linkedin.com/in/daniel-jlee/ | github.com/danlee2002

EDUCATION

Georgia Institute of Technology — Atlanta, Georgia
Bachelor of Computer Science — *Expected May 2024*

EXPERIENCE

Incoming Undergraduate Research Assistant — August 2022 - Present
Evolutionary Mechanics Lab @ Georgia Institute of Technology — *Atlanta , GA*

PROJECTS

Tower Defense | *Kotlin, JUnit, Android Studio, Git* — January 2022 - May 2022

- Led the development of a tower defense game in a team setting practicing Agile methodology and adhering to GRASP/SOLID principles
- Wrote unit tests to test the functionality of application code utilizing JUnit framework

Virtual Memory Simulator | *C, GDB* — May 2022

- Developed a virtual memory implementation that simulates 1 MB of memory, utilizing FCFS and Second Chance page replacement policies and an inverted page table

CLUBS AND ACTIVITIES

Staff Writer — August 2021 – Present
3484 Magazine — *Atlanta, Georgia*

- Provided coverage on socio-economic and political issues surrounding Atlanta metropolitan area to 100+ civilians in Atlanta metropolitan area

Marketing Committee — August 2021 – Present
Georgia Tech Asian Student Organization — *Atlanta, Georgia*

- Led and collaborated with other marketing committee members to formulate marketing campaigns to raise awareness on AAPI issues and increase club membership
- Utilized graphic design tools such as Adobe InDesign and Illustrator to establish the branding of the organization
- Increased registration for club membership by 22 percent

Selection Committee — August 2020 – Present
Georgia Tech Student Foundation — *Atlanta, Georgia*

- Coordinated and communicated with 50+ student organizations to help draft funding and budget proposals
- Determined the allocation of $31780 of Georgia Tech Student Foundation Funds to 30+ registered student organizations through evaluating funding applications and funding pitches

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Julia, JavaScript, Kotlin, HTML/CSS, R, LaTeX
Frameworks: React, JUnit
Developer Tools: Git, Docker, Vim, Android Studio
Libraries: pandas, NumPy, Matplotlib, Plotly
Relevant Coursework: Design and Analysis of Algorithms, Machine Learning, Graph Theory, Linear Algebra 1 & 2, Data Structures and Algorithms, Combinatorics, Objects and Design, Systems and Networks, Computer Architecture, Differential Equations, Object Oriented Programming, and Probability Theory