

# Tim Lei

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## Technical Skills

- Java
- C
- Python
- JavaScript
- CSS
- Experience with Rancher, Docker, Kubernetes
- Microsoft Office Suite
- AutoCAD
- AutoDesk Inventor
- MATLAB8
- HTML
- JSON

## EXPERIENCE

**AOI(Applied Optoelectronics Inc), Intern** June 2022 - July 2022 & July 2023 - August 2023

- Analyzed company inventory to confirm proper levels in preparation for shipment overseas
- Used input values provided by my manager and formula function in Excel to generate predicted data values to compare to measured data values, ensuring data reliability
- Migrated computers from linux to windows, analyzed bottlenecks and implemented performance enhancements that lead to efficiencies in future migrations
- Provided user acceptance testing of a new website for the company to streamline an important process in the company

**Paranet Corporations, Intern** September 2022 - May 2023

- Assisted mentor in developing a website that assists all workers with discontinuance
- Used Excel to record information for the project and improved organization skills

**Princeton Learning Experience, Tutor** May 2020 - July 2020

- Created lesson plans and homework assignments in social studies and math

**Blue Ivy Learning, Tutor** 2020 - 2022

- Tutored 3rd and 4th graders in advanced math with a focus on geometry and exponents
- Researched and leveraged sites such as Blooket to enhance their learning while providing a fun environment

## EDUCATION

*Virginia Tech, Computer Science* 2023 - 2027

- Earned a spot in admissions squared program (2% acceptance rate) to directly enter master's degree after completing bachelors
- Current Overall GPA: 3.4
- Made the Dean's List

*Gwinnett School of Mathematics, Science, and Technology* 2019 - 2023

- Honor Graduate with Hardware Install and Maintenance at Gwinnett Technical College
- Completed AP courses in Biology, Calculus BC, World History, US Government, Computer Science Principles, Computer Science A, AP Language, AP Micro/Macro Economics, Physics C E&M and Mechanics, and US History with college level math courses: Linear Algebra, Multivariable Calculus

- *Science Olympiad* 2020 - 2021
  - Attended two online competitions with team members
  - Responsible for answering questions on the topics of paleontology and geography

## AWARDS AND HONORS

AP Scholar with Honor - 2022

President's Volunteer Service Award - awarded for over 100 service hours - 2020