Paul Lee

U.S. Citizen   ✉ *Paullee11760@gmail.com*   in ○ M e

Education

2021–2024 (Part-Time)	**M.S. Computer Science** - *Georgia Institute of Technology* GPA: 4.0/4.0
2014–2018	**B.S. Mechanical Engineering Honors** - *University of Texas at Austin* GPA: 3.92/4.0

Skills

Software & Languages	Python, Javascript (Basic), Java (Basic), C/C++ (Basic), LaTeX, LabVIEW, MAT-LAB, Microcontrollers, Raspberry Pi, Siemens PLC, Arduino, JIRA, Confluence, HTML/CSS, Flask
Data	SQL, Pandas, Tableau (Basic), D3, Spark (Basic), ETL, Microsoft Excel

Experience

Sep 2019–Present **Altect, Inc. (Start-up)** - *Vice President of Engineering* Austin, TX

- Altect is a start-up company developing novel fire protection technologies for emerging, clean energy technologies (electric vehicle and energy storage).
- Co-wrote a patent (pending) and SBIR grant proposals that brought in $1.2M.
- Developing main software & control and data pipeline for prototype beta via JavaScript, HTML/CSS, Flask API, PLC, SQL, and FireBase.

Jun 2018–Sep 2019 **Tesla, Inc.** - *Quality Data Science & Systems* Sparks, NV

- Developed micro-web applications in Python Flask to promote efficient communication of critical information.
- Autonomously maintained critical information via Confluence REST API's.
- Explored using elastic search to offer auto-complete suggestions when creating quality control plans and PFMEAs.

Jun 2018–Jun 2019 **Tesla, Inc.** - *Quality Technician II* Sparks, NV

- Saved the company $10.5M in the 3rd & 4th quarters of 2018 by developing a pilot production line. Created quality procedures & control plans, and assisted in process & manufacturing design.
- Received "Quality Technician of the Quarter - Gigafactory 1 Q3 2018" award out of 200 technicians.
- Deployed apps compiled in Python, Java, & MySQL to perform data analysis and identify defect sources.

Projects

Fall 2019–Present **Personal Website in ReactJS** - *eellaup.com* Austin, TX

- Developed the front and back-end of my personal website with HTML & CSS in a ReactJS environment.
- Analyze audience data with Google Analytics.
- Website serves as a public portfolio for my hobbies, projects, and interests.