

# Aaron Cheung

Email: [aaroncheungcompsci@gmail.com](mailto:aaroncheungcompsci@gmail.com)

Phone: (209) 597-0817

GitHub: [github.com/aaroncheungcompsci](https://github.com/aaroncheungcompsci)

Address: 22875 E. Via De Olivos, Queen Creek, Arizona 85142

## Summary

Seeking a position in the software industry to improve skills and gain experience to the fullest potential in a hands-on environment. Always driven to learn quickly and striving to improve. Flexible and hardworking team player focused on boosting productivity and performance with conscientious and detail-oriented approaches.

## Professional Experience

### Nikola Corporation, Quality Engineer: 1/03/23 – 10/27/23

- Guided the development of a new system to replace a pre-existing one that had major issues regarding data integrity, preventing that issue from resurfacing.
- Programmed several Python scripts to aid in data cleaning procedures while ensuring the integrity of the data as well as making the information readily available for any team that needs it.
- Designed the workflow of how data will be communicated between various parties.
- Collaborated with many pieces of third party software to implement needed systems for quality inspections.
- Documented the processes that were used to develop the systems to save potential time that would have been spent on mentoring new members of the team.

### Nikola Corporation, Quality Internship: 7/25/22 – 12/13/22

- Improved existing application utilizing dealing with the inspection of electrical semi-trucks through active debugging.
- Provided technical support to the inspection team in regards to fixing bugs as they show up.
- Partially developed a full-stack application to keep track of semi-trucks off the assembly line utilizing React.js for frontend and .NET 6 for backend, building a REST API in the process.
- Identified the process of how semi-trucks are assembled on the line utilizing parts that are thoroughly inspected by the quality team as well as the process regarding inspections.
- Discovered how the APQP (Advanced Product Quality Planning), PPAP (Production Part Approval Process), and other quality manuals affect Nikola as a whole.

## Education

- **Arizona State University: 2020 – Fall 2022**  
MS in Information Technology, awarded Dec 12<sup>th</sup>, 2022, GPA: 3.83
- **California State University, Sacramento: 2015 - 2019**  
BS in Computer Science, awarded Dec 2019, GPA: 3.1, Minor in Mathematics

## Projects

### IFT 593 Applied Project: Fall 2022

- Explored the inner workings of how a router works by utilizing a Raspberry Pi 4.
- Utilized software such as Pi-Hole to understand how it works and block advertisements whilst surfing the internet.
- Refreshed and mastered concepts regarding what is involved with a router such as firewalls, DHCP servers, wlan0 and eth0.

## Skills

- **Object Oriented Languages: Java, Python, C#.**
- **Experienced with Git/GitHub, Web Development (TypeScript, HTML, TailwindCSS), MSSQL, MySQL, MongoDB**
- **Proficient in MS Word, PowerPoint, Office 365, Pandas, .NET, React.js.**
- Excellent interpersonal, oral, and written communication skills.
- Works very well under a cohesive team environment.
- Extremely familiar with Windows 10 and Linux operating systems.
- Adept at grasping new concepts and/or skills quickly and efficiently.
- Very strong analytical skills.
- Adaptive with problem solving and is always striving to improve and learn.