

# Junah Park

408-483-1523 | Hayward, CA 94541 | [park.junah95@gmail.com](mailto:park.junah95@gmail.com) | [LinkedIn](#) | [Github](#)

## Software Engineer R&D at EMCORE and MSc Computer Science with Data Analytics graduate

### EXPERIENCE

EMCORE | Software Engineer R&D | May 2021 – Present

- Develops software utilities in C#, Python, and Visual Basic to support engineering and production of IMUs.
- Manages complex SQL databases containing descriptive data for millions of electronic parts.
- Automated production steps by developing APIs to manage SQL database changes and validate user input, reducing time spent on label creation for parts to < 5% of the original time.
- Performed data analytics within a tight deadline to create a predictive model for unit performance grade yields, informing company business decisions as we entered contract negotiations.

Signature Consultants LLC at Waymo | Software Quality Operations Specialist | Feb 2018 – Dec 2019

- Performed critical evaluations on large scale log simulations of level 4 autonomous vehicles to make roads safer.
- Filed detrimental bugs, then supported progress through the software development life cycle. Found and resolved hundreds of critical issues over millions of miles leading to the development of safer self-driving software.
- Lead SQOps teams and developed specialist learning curriculums to rapidly train new hires. Trained new hires to expert level within half a year, allowing our performance to keep up with more than 2x growth.

### EDUCATION

M.S Computer Science with Data Analytics | Apr 2020 – May 2022  
University of York, United Kingdom

B.A Cognitive Science | Aug 2015 – Jun 2017  
University of California, Berkeley

Diablo Valley College Aug 2013 – Jun 2015  
Transfer for Cognitive Science

Extracurricular activities: Inter-Collegiate Programming Competition, Hackathons (Cal Hacks)

### SKILLS

Programming Languages:

Python - *Performed machine learning experiments and created shared modules for client-database communications,*  
C# - *Wrote full-stack applications in use at production facilities and basic Augmented Reality apps in Unity,*  
Visual Basic, Javascript, Java, C++

Software Engineering Tools: Git, .NET, AWS, Linux, Docker, Mobile and IoT with Android, Agile, Buganizer

Data Analytics and Databases: Jupyter Notebook, tensorflow keras, SQL, MySQL, NoSQL, MongoDB

Full Stack Web Development: React, NodeJS, Express, html, css, php, Flask

### CERTIFICATIONS

AWS Certified Solutions Architect - Associate (SAA-C02) | April 2021