Dear Tesla,

As a student at the University of California at Davis with four years of technical and detail-oriented work, internship, and research experience, I am applying for the Autopilot Software QA Engineer Internship for Fall 2020. My resume is attached to this application and below is a brief description of my qualifications.

I am an engineer who wants to build awesome things with software and hardware. I have a proven record of building software to analyze data in work, research, coursework, and personal projects. I am reliable, disciplined, and principled.

Autopilot is arguably the greatest technology to ever exist, and to make it inarguably the best would be my mission. I look forward to speaking with you and others at Tesla about the internship.

Sincerely,
Nathan Chan

Requirements	My Qualifications
Currently enrolled in University focused on the following: Computer Science, Engineering, Robotics, Physics, similar field(s) of study, or equivalent practical knowledge.	Currently enrolled at University of California at Davis for majors in Computer Science and Statistics. Graduation in June 2021.
Strong software development skills in one or more common programming/scripting languages such as Python or C++.	Proficient in software development skills in Python and C++ and other languages by building software in work, research, coursework, and projects.
1+ years of experience testing automotive or robotic systems, vehicle dynamics, embedded or system-level software, or consumer electronics hardware/software.	Extremely capable in using and understanding consumer electronics hardware and software, and learn very fast. Currently am a taste tester for food items.
Experience troubleshooting on both software and hardware level.	Troubleshooted and debugged software and hardware including operating systems, computers, and programs.
Experience testing ADAS features, CAN working knowledge, and/or experience testing computer vision systems a big plus.	Implemented computer vision software with relevant mathematics and technologies to analyze radargrams of Mars for interplanetary research. Motivated to learn self-driving systems.
Linux working experience a plus.	Use Linux all the time.
Outstanding attention to detail.	Yes.
Flexibility of traveling to various domestic and international destinations when necessary, to test vehicles on public roads, test tracks and proving grounds.	Of course.
Valid US driver's license and clean driving record.	Definitely!