Nicholas Saquilayan

Mobile: 925-852-7120 | E-mail: nsaquilayan@berkeley.edu
Social Media: linkedin.com/in/nsaquilayan | github.com/nsaquilayan |nsaquilayan.github.io

Education

UC Berkeley — Dec 2020 (expected)
Major: Computer Science (GPA: 3.52/4.0)
Relevant coursework
- Structure and Interpretation of Computer Programs
- The Foundations of Data Science
- Data Structures
- Discrete Mathematics and Probability Theory
- Algorithms (in progress)
- Databases (in progress)

Chabot College — May 2018
Associate of Science in Mathematics (GPA: 3.6/4.0)

Experience

Software Engineering Intern — May 2019 -- Aug 2019
VSP Vision Care
- Developed and tested a RESTful Spring Boot API.
- Tested applications using the Jbehave and Mockito frameworks.
- Deployed and released software via Jenkins pipeline.
- Practiced Agile Scrum framework in a team setting.

STEM synthesis community college institute program — Jun 2016 -- Aug 2016
NASA Ames Research Center
- Developed semi autonomous rovers that maneuver obstacles independently with Arduino microcontrollers.
- Manufactured, designed, and prototyped a rover that collects data via RFID sensors and xBee modules.

Projects

Academic
Bear Maps (Java)
- Implemented the backend (shortest paths, search autocomplete) of a map web application.

Skills

Languages
Proficient: Python, C++, Java
Familiar: C, SQL, MIPS Assembly, Matlab, Javascript, HTML/CSS
Software*:* Docker, IntelliJ, Git, Splunk, Jenkins, Maven