Noah Corona

Software Engineer

noahcorona@gmail.com   (714) 580-8890   **GitHub:** noahcorona   **Portfolio:** https://noah.coffee

Education

B.S., Computer Engineering with GPA of 3.37

> U.C. Santa Barbara, Santa Barbara, CA — 2019 to 2022

> Orange Coast College, Costa Mesa, CA — Transfer GPA 3.7

Work Experience

Project Engineer (Intern) at Powercon Engineering

📅 July 2017 – July 2018, June – August 2019

▣ C#, Ladder Logic, SQL

> Coordinate with project manager to develop, test, and deploy software on commercial programmable logic controllers
> Collaborate with engineering team to design and implement user interfaces for human-machine interfaces
> Configure relational databases for the purposes of user authentication, data collection, and historical data viewing
> Design software for real-time monitoring of sensor, alarm, and historical data

Food Portioner at Quokka Kitchen

📅 Sept 2021 – March 2022

> Clean and prepare food portioning area at beginning and end of each shift
> Efficiently portion meals while performing weight and quality assurance
> Train new hires on best meal portioning and cleaning practices

Projects

UCSB Capstone with Aptitude Medical Systems

🏆 3rd place, E.C.E. Capstone at UCSB

📅 June 2021 – July 2022

▣ JavaScript, Python, React Native, Firebase

The CUDA project's goal was produce medical diagnostics a patient can trust, and a first responder can manage effortlessly. The heart of the project, the CUDA Reader, is a portable device that detects COVID-19 and aids in the detection of a life-threatening condition called coagulopathy. The cross-platform CUDA app allows users to monitor nearby devices and store results in the cloud.

> Act as the project lead, ensuring timely completion of quarterly goals
> Develop a React Native mobile app for management of test administers, patients, and results
> Implement Python routine to detect biomarker in a liquid sample using serial communication protocols

Languages

C, C++, C#, CSS/Sass, HTML, JavaScript, Python, TypeScript

Frameworks

Express, Firebase, MongoDB, Node.js, React.js, React Native, SQL

Other Tools

STM32, esp32, Raspberry Pi, Linux, Github