

# Nick Cerdan

Senior Software Engineer.

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[nickcerdan.com](http://nickcerdan.com)

[github.com/ncerdan](https://github.com/ncerdan)

## EDUCATION

**UCLA — Bachelor's Degree, Computer Science and Eng**

**GPA: 3.87** | September 2017 - June 2021 (Degree in Progress)

**Courses:** Algorithms, Operating Systems, Networks, Security, Neural Networks, Machine Learning, Artificial Intelligence, Software Design.

**Honors:** UPE CS Honor Society, HKM EECS Honor Society, Dean's List.

## EXPERIENCE

**Software Engineering Intern, Google**

*WFH (Covid)* | Summer 2020

Implemented the integration of Pixel trace visualization analysis tools.

Owned the project from analyzing solutions through to implementation.

Worked cross-functionally to understand high priority needs of users.

Designed the solution with high modularity to facilitate future flexibility.

**Junior Software Engineer, Exadel**

*Walnut Creek* | Summer 2019

Exadel is a custom software solutions development company.

Solely responsible for leading a report source migration to a new server.

Used SQL to add functionalities to queries and improve server security.

Converted deprecated report expressions to Java to ensure compatibility.

**Backend Software Engineer, Pulp**

*Los Angeles* | October 2019 - March 2020

Pulp is an activity curation iOS App under the UCLA Moonshots program.

Engineered RESTful API endpoints to manage user and places data.

Managed a full backend migration from MongoDB to DynamoDB.

## PROJECTS

**Computer App** – (Python) – Wall Witness

A MongoDB project that stores and visualizes climbing workout data to show witness for progress to boost motivation.

**Android App** – (Java) – MySwipes

Consolidates information about one's UCLA meal plan swipes to provide a new way to efficiently manage them through an intuitive swipe-based UI.

**Personal Website** – (Html, CSS, Javascript) – [nickcerdan.com](http://nickcerdan.com)

Built from scratch using Bootstrap, JQuery, and Font-Awesome.

## TECHNICAL SKILLS

**Languages:** Java, Python, C++, C, Html/CSS, Bash.

**Libraries:** Git, Pymongo, matplotlib, Android.

**Operating Systems:** Linux, Mac OS, Windows.

## AWARDS

**National Merit Commended**

**Scholar:** Given for excellent PSAT/NMSQT exam score.

**California Scholarship**

**Federation (CSF) Scholar:**

Perfect GPA in High School.

**LLHS Award for Excellence in**

**Math:** For one male student who excelled in mathematics.

**LLHS Scholar Athlete:** One

male student who excelled in both academics and athletics.

## TRAITS

**Fast Learner:** Pick things up fast, curious to learn more.

**Leader:** Natural leader, team player, captained sports.

**Communicator:** Capable of expressing ideas to a group.

**Outgoing:** Active member of volunteer groups and clubs.