Nick Cerdan

Senior Software Engineer.

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github.com/ncerdan

EDUCATION

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

GPA: 3.89 | September 2017 - June 2021 (Degree in Progress)

<u>Courses</u>: Algorithms, Data Structures, Operating Systems, Networks, Machine Learning, Artificial Intelligence, Software Construction.

<u>Honors</u>: UPE CS Honor Society, HKN EECS Honor Society, Dean's List.

EXPERIENCE

Software Engineering Intern, Google

WFH (Covid) | Summer 2020

Implemented the integration of Pixel trace analysis tools.

Owned the project from analyzing solutions through to implementation.

Designed the solution to handle larger data files without memory issues.

Will increase the actionability of Pixel traces for the Pixel Power Team.

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

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.