Nick Cerdan

Senior Software Engineer.

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EDUCATION

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

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

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

Honors: 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 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

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.