

Nitesh Mainaly

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OBJECTIVE

Passionate Computer Science student seeking to utilize solid analytical, leadership, and coding skills as a full-time Software Engineer at a company that creates a positive impact in the world and promotes individual growth

EDUCATION

University of California, Irvine

March 2020

B.S. Computer Science and Engineering

Relevant Coursework

Data Structures and Algorithms, Object-Oriented Programming, Principles of Operating Systems, Computer Networks, Data Management

EXPERIENCE

Fusion of Ideas - Irvine, CA

Junior Software Engineer - iOS

August 2019 - March 2020

- Promoted from intern role due to consistency and pace of prior work
- Took on lead role building several Swift applications with networking/persistent storage

Software Engineering Intern - iOS

June 2018 - June 2019

- Built large, client-facing applications in Swift and Objective-C as part of a team
 - Implemented connectivity between iOS application and bluetooth headset (Sena) using Core Bluetooth
 - Worked extensively with industry standard tools, such as Git, AlamoFire and Realm
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PROJECTS

“SensorCake” - Internet-of-Things Ecosystem (Senior Project)

September 2019 - March 2020

- Managed Firebase Cloudstore database and created API for IoT devices using Node.js
- Developed demo iOS application allowing users to control IOT devices

“UCI Salaries” Website (<https://niteshmainaly.github.io/money.html>)

October 2018

- Created a searchable online database of UCI faculty salaries built using HTML, CSS, and JavaScript
- Parsed faculty data from slow, outdated UC website using Python web scraping (BeautifulSoup)
- Stored data on over 28,000 faculty members using MySQL database

“Time is Money” Chrome Extension

February 2018

- Built a productivity tracking extension for Google Chrome using JavaScript and Chrome APIs, allowing users to measure time spent on each website
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VOLUNTEERING & LEADERSHIP

Pi Kappa Phi Fraternity - Irvine, CA

September 2017 to June 2018

Philanthropy and Social Chair

- Planned and coordinated yearly “Philanthropy Week,” raising over \$1000 for *The Ability Experience*
 - Organized several successful venue events with hundreds of attendees
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SKILLS

Programming Languages: C/C++ (Proficient), Python (Proficient), Swift (Proficient), Java (Prior Experience), JS (Proficient)

Technologies & Tools: HTML5, CSS3, MySQL, XCode, Firebase, Node.js

Other Skills: Photo Editing (Photoshop), Video Editing (Sony Vegas Pro), Music Production (FL Studio)