

NANDHANA SATHISH

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EDUCATION

Bachelor of Science in Computer Science | University of California, Irvine

June 2021

Courses Completed: Data Structure Implementation and Analysis, Design and Analysis of Algorithms, Artificial Intelligence, Principles of Operating Systems, Object Oriented Programming, Machine Learning and Data Mining, Computer Networks, Data Management, Information Retrieval

Activities: Women in Information and Computer Sciences

SKILLS

Technical: C++, C#, Java, Python, JavaScript, Git, Linux, Node.js, SQL, React, Angular, HTML, CSS

Interpersonal: Leadership, Project Management, Public Speaking, Outstanding Written and Verbal Communication, Strong Attention to Detail, User-Focused, Resourceful, Goal Oriented, Self-Motivated

WORK EXPERIENCE

Software Engineering and PM Intern | Microsoft Redmond, WA

Jun - Sep 2020

- Worked full stack to build a metrics dashboard using React to consolidate analytics
- Wrote REST APIs as part of back-end server logic for a scalable application
- Acted as a Program Manager for 4 weeks, conducted interviews to document user stories, and performed requirements gathering for the software development portion of the internship

Supply Chain Engineering Intern | Sephora San Francisco, CA

Jun - Aug 2019

- Acted as a full stack developer, worked in all phases of Software Development Life Cycle (SDLC)
- Coded and deployed a reporting application using Angular that allows Sephora's distribution centers to analyze daily warehouse productivity on an agile, multi-disciplinary team

Software Engineering Intern | Alameda County Oakland, CA

Jun - Aug 2018

- Migrated 10 Java applications from IBM WebSphere to Red Hat JBoss to modernize Alameda County's websites
- Tested the functionality, accessibility, and performed quality control and analysis of Alameda County's official government websites and committed projects to production

RESEARCH EXPERIENCE

Undergraduate Developer and Lab Manager | INsite Lab Irvine, CA

Oct 2018 - July 2020

- Lead a team of 8 in modifying Mycroft, an open-source voice assistant for Linux OS, to make it more accessible by dynamically modifying audio settings in Python
- Made an Android companion app to modify audio settings through both voice/touch commands
- Managed 3 sub-teams, detailed application requirements, and analyzed the functionality of the application through user focus groups to ensure a quality product

Machine Learning Research Assistant | UCI CS Department Irvine, CA

Feb - Jun 2019

- Utilized Neural Networks and Natural Language Processing to develop a tool that detects the presence of malicious messages in an effort to protect children from online attackers

AWARDS

- Chancellor's Award of Distinction June 2021
- ICS Outstanding Contribution to Research Award June 2021
- Grace Hopper Celebration Scholarship Recipient Oct 2019