NICOLE NGUYEN

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EDUCATION

University of California, Riverside   June 2021
B.S. Computer Science 2021 | GPA 3.79/4.0 | Chancellor's Honors List, Dean's Honor's List
Key Courses: Data Structures and Algorithms, Compilers, Information Retrieval, Natural Language Processing, Technical Communications

TECHNICAL SKILLS

PROGRAMMING: C/C++, Javascript, Python, React/Node.js, C# (basic)
SOFTWARE/TOOLS: Microsoft Office, Latex, MacOS, Linux, HTML/CSS, Git, Adobe Photoshop, Adobe XD, Matlab

WORK EXPERIENCE

Academic Resource Center, UCR   Sept. 2020 - Current
Academic Tutor (Tutorial Assistance Programs)
- Perform individual and/or group tutoring at least 5 hours a week, boosting attendance by 10%
- Attend scheduled supervisor/ASE meetings to participate in tutor skill-building workshops
- Report meeting notes at the end of meetings to reflect on the session and the students' needs

Computer Science and Engineering Department, UCR   Oct. 2020 - Dec. 2020
Course Reader for CS141: Intermediate Data Structures and Algorithms
- Grade homework and exams and examine solution guides provided by the professors and TAs
- Prepare study guide on most-missed material and hold office hours to fortify student understanding leading to a 40% increase in exam average

The HeadBand Project, San Francisco   June 2020 - Current
Media Executive
- Work with a board to provide headbands to healthcare workers free of cost, raising over $5000 and reaching over 2000 headbands sent out to over 30 hospitals, clinics, testing centers, etc.
- Manage a team and create graphics and/or other media for any PR, communications, and social media platforms with over a 50% increase in outreach after the first quarter

PROJECTS

Senior Design Capstone Project | Adobe XD, React, Jest, Trello   Oct. 2020 - Mar. 2021
- Work in a small team to create a web application that allows users to keep track of events of organizations they belong to
- Design UI of the application and translate into front end then connect to backend
- Document status reports as a scribe and help plan sprints on a weekly basis

Personal Website | HTML/JSS   Aug. 2020
- Create a personal portfolio website to display personal information using HTML/CSS
- Pre-design layout using Procreate and utilize self-painted background to pre-plan with personal touches
- Implement photo grid to showcase extracurricular work and passions

NLP Yelp Topic Tagger/Classifier | Python, Jupyter Notebook   June 2020
- Approach project using Google Cloud Platform AutoML Natural Language API to learn about new technologies
- Extract and categorize topics from a sizable pre-downloaded data set from Yelp using Latent Dirichlet Allocation (LDA)
- Utilize genism, spacy, and a vectorizer in order to clean up, analyze and visualize data

R'Shell | C++   May 2019
- Create a shell modeled after a Linux terminal to learn and incorporate varying design patterns
- Take and parse input from user in order to execute commands
- Work with system functions including fork, execvp, and waitpid to execute program

ORGANIZATIONS

ACM, WinC, Technical Interview and Coding Support, Pi Beta Phi, UCR Senryu Taiko, *General Member*   Current

SWE, *Public Relations Chair*   Dec. 2020 - Current

Design @ UCR, *Communications Director*   Mar. 2021 - Current