

NICOLE NGUYEN

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EDUCATION

University of California, Riverside

June 2021

B.S. Computer Science 2021 | GPA 3.77/4.0 | 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

WORK EXPERIENCE

Computer Science and Engineering Department, UCR

Oct. 2020 - Current

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

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

The HeadBand Project, San Francisco

June 2020 - Current

Media Executive

- Work with a board to provide headbands to healthcare workers free of cost, with over 1200 headbands sent out and over 10 hospitals reached
- 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 - Current

- 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 to model site based on mockup
- Document status reports as a scribe and help plan sprints on a weekly basis

R'Shell | C++

May 2019

- Create a shell modeled after a Linux terminal using varying design patterns
- Take and parse input from user in order to execute commands
- Work with system functions including fork, execvp, and waitpid

Personal Website | HTML/JSS

Aug. 2020

- Create a personal portfolio website that displays personal information using HTML/CSS
- Pre-design layout using Procreate and utilize personally painted background
- Implement photo grid to showcase extracurricular work

NLP Yelp Topic Tagger/Classifier | Python, Jupyter Notebook

June 2020

- Approach project using Google Cloud Platform AutoML Natural Language API
- Extract and analyze topics from a sizable pre-downloaded data set from Yelp using Latent Dirichlet Allocation (LDA)
- Utilize genism, spacy, and a vectorizer to accomplish tasks such as removing punctuation, adding lemmatization/stemming, and creating a word matrix

ORGANIZATIONS

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

Current

SWE, Public Relations Chair

Dec. 2020 - Current