

GARRY MARK B. ANCHETA

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Education

Northern Arizona University

Bachelor of Science in Computer Science

May 2022

Flagstaff, Arizona

Experience

Buzz Voice Inc.

May 2021 – August 2021

Software Engineer Intern

Washington, D.C.

- Developed and tied a visualization of UI feedback to the back-end using Node JS allowing for the user to use Buzz Voice API to visualize user inputs.
- Provided consistent documentation allowing quick understanding of contributions and quick sharing of tasks with other interns and software engineers resulting in completion of assigned internship goal.
- Engaged in system design which allowed for visualization of each component of the software and provided a pathway for expeditious implementation.
- Assigned as an intern project manager to supervise intern progress and achieve goals on a weekly rolling basis.

Projects

NOBL Web Application & API | *TypeScript, Gatsby, Auth0, Material UI, MySQL, ECharts*

- Enabled authentication by integrating Auth0 with React.
- Linked NOBL API with the Web Application using AWS Amplify allowing independent user usage of NOBL API.
- Integrated ECharts for data visualization allowing rendering of 50,000 data points under 250 milliseconds.

ChitChat | *JavaScript, React, HTML/CSS, Stream, NodeJS*

- Integrated Stream with web application allowing messaging between groups and/or individuals.
- Implemented authentication using NodeJS allowing account authentication to Stream database.
- Bundled Twilio enabling sending of SMS notifications of new messages from other users.

Personal Website | *TypeScript, HTML/CSS, React, Material UI*

- Developed a personal website using JavaScript, HTML/CSS, and React to centralize my portfolio content.
- Implemented React to design the front-end design which allows responsiveness in mobile view.
- Used Material UI to simplify UI components allowing excellent ease of use for users.

Pathfinder Visualizer | *Python*

- Used PyGame to create a user interface, allowing screen manipulation and full visualization of the algorithms.
- Engineered 5 different search algorithms such as Breadth-First Search, Dijkstra's Algorithm, and A*.
- Allows user manipulation of visualizer allowing the algorithm to go step-by-step or finish as fast as possible.

Technical Skills

Languages: Python, HTML/CSS, JavaScript, TypeScript, SQL

Developer Tools: Visual Studio Code, Eclipse, Android Studio, PyCharm, GameMaker Studio 2

Technologies/Frameworks: Linux, GitHub, React, Angular, Docker, Firebase, MySQL

Leadership / Extracurricular

Sigma Pi Fraternity

Fall 2018 – Spring 2019

Vice President

Northern Arizona University

- Restructured organization resulting in 25% increase in events participation through increase in event planning efficiency by newly-created positions and increased coordination between positions
- Reversed decline in membership, increased membership from 20 to 40 through increased quality and planning time in advance of recruitment week.
- Incorporated alumni into an engagement program resulting in \$5000 in donations by creating an alumni monthly newsletter and alumni dinner

NAU Air Force Honor Guard

Fall 2020 – Spring 2021

President

Northern Arizona University

- Raised \$900 to fund organization through multiple fundraising events such as car washes and concession stand assistance
- Restructured organization to allow effective event planning through redefinition of officer responsibilities and creation of new assistant officer positions
- Restored club membership back to its highest count of 25 through ROTC outreach and multiple interest sessions.