Laurenz Luke Gonzales

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EDUCATION

University of North Carolina - Charlotte — Charlotte, NC

Bachelor of Science (BS) in Computer Science, Software Engineering — *Graduation Date: May 2022*

Bachelor of Arts (BA) in Japanese Studies — *Graduation Date: May 2022*

GPA: 3.86

Honors: Magna Cum Laude, Chancellor's List, Dean's List

PROJECTS

Coral Reef Restoration Capstone | *Android Application* — May 2022

- Allowed the Coral Restoration Foundation to track climate change effects on coral reefs by working in a 5-person team environment to create a coral reef database solution.
- Designed ease of data access and entry for coral reef researchers out in the field through *Java* with OpenWeather and Meteomatics API implementation.
- Coordinated an Agile SDLC team environment through bi-weekly sprints to help the team efficiently work and produce deliverables on time.

Nihon Club Websites | *Webpage Application* — December 2021

- Collaborated with officers of the Nihon Club to design two websites for UNCC students and Japanese professors to promote Nihon Club events.
- Created simple websites with *HTML*, *CSS*, and *JavaScript* with the goal of user experience and accessibility.
- Implemented a solution with *Express* and *MongoDB JavaScript* frameworks where Nihon Club officers and members can post events to promote upcoming community events.

HR Employees | *Database Application* — July 2021

- Developed a database solution for a human resources coordinator to keep track of employee contact information, position, salary, and performance reviews.
- Created a site map and ERD diagram to design a web application written in *HTML* and *PHP* to clarify the functionalities of the website.
- Converted over 200 lines of employee CSV data into *SQL* statements so that a human resource coordinator can access and edit employee information within the company through the app.

LEADERSHIP EXPERIENCE

Nihon Club Officer | *Secretary & Vice-President* — August 2020 – May 2022

UNC Charlotte — *Charlotte, NC*

- Organized monthly events with 100+ attendees by managing event logistics and providing engagement to Nihon Club Members about the Japanese culture.
- Coordinated with UNC Charlotte student services and the Japanese Studies department to secure adequate space and promotion for Nihon Club events.
- Created an online social environment for 100+ members through the use of Discord to provide online Nihon Club events during the COVID-19 pandemic.

Junior Golf Coach Volunteer — June 2016 – June 2018

The First Tee of the Triangle — *Raleigh, NC*

- Participated in a professional environment as a junior coach to teach 100+ young first-tee participants core values, healthy habits, and valuable life skills by using golf.
- Collaborated with dozens of First Tee coaches and volunteers in First Tee events and weekly golf classes to create relationships with First Tee participants.
- Selected as the junior volunteer of the year in 2017 for the shown impact and dedication to the First Tee of the Triangle chapter and participants around the Triangle.

Technical Skills

Languages: Java, JavaScript, Python, SQL (MySQL), HTML/CSS, PHP, JSON, EJS
Frameworks: Node.js, Express, MongoDB, JUnit
Developer Tools: VS Code, Eclipse, Git/GitHub
Libraries: JQuery, Mongoose
Certification: TestOut Security Pro   June 2020

Skills/Interests

Skills: Japanese Language & Business, Microsoft Office (Word, Excel, PowerPoint), Agile Project Management
Interests: Golf, Japanese Studies, Globalization, Community Building