Elias A. Capriles

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EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC   08/2020 – 05/2024

- **B.S. Computer Science & B.S. Environmental Science Quantitative Energy System**

   o   Dean's List: Fall '21, Spring'22, Fall' 22

Related Courses: Foundations of Software Engineering, Computer Vision and Displays, Data Structures and Analysis, Introduction to Machine Learning, Algorithms and Analysis, Foundations of Programming, Systems Fundamentals, Computer Organization, Internet Protocol.

Language Fluency: English, Spanish.

TECHNICAL SKILLS

Language Experience: Java, Python, NumPy, TypeScript, JavaScript, CSS, React, C, Postgres, SQLAlchemy.

Tool Experience: Git, Angular, OOP, REST, FastAPI, Unix, Node, AWS, Agile, Docker, HTTP, OpenShift, OpenCV, PyTorch, Matplotlib, QGIS, MS Office.

TECHNICAL PROJECTS

Final Project - Foundations of Software Engineering

- Implemented a web app for a check in service that followed REST methodology.
- Stack included: Python, FASTAPI, HTML, React, CSS, Postgres, and SQL Alchemy.

Destination Condition Tracker

- REST web app that allows tracking of weather conditions in saved locations, and then allows for easy booking of flights.
- Stack Included: Python, FASTAPI, HTML, React, Postgres, and AWS.

EXPERIENCE

CARVR Software Developer - UNC Computer Science - Chapel Hill, NC   01/2024 - Present

- Develop projects, mostly based around video games, in Unity in order to showcase the different capabilities of XR.
- Worked closely with the hardware team to implement new tools into current projects

Rock Climbing Wall Manager – Carolina Recreation – Chapel Hill, NC   09/2023 – Present

- Manage staff of over 20 people and lead the hiring of new staff.
- Ensure good communication that allows for staff to be prepared for any situation at the wall.

Asset Management Intern – Leyline Renewable Capital – Durham   01/2023 – 12/2023

- Rotational intern at a renewable energy firm during the spring semester. In the summer specialized in asset management and investment teams.
- Developed around ten financial models using Excel to keep better data tracking within company assets. Became a valuable member of the team, and earned an extension offer through the following Fall term.