Dave Lorenz Castillo

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EDUCATION

University of Nevada, Las Vegas   Expected Fall 2022
Bachelor of Science in Computer Science   GPA: 3.9

RELEVANT COURSEWORK

Computer Science I & II, System Programming, Data Structures, Computer Architecture, Operating Systems, Programming Languages, Discrete Mathematics I & II, Automata & Formal Languages

TECHNICAL SKILLS

Proficient in - C++, C, x86, MIPS,
Familiarity in - Java, Javascript, Python, Bash, HTML, Sass
Tools: Git, VS Code, IntelliJ, Node.js, Sublime, VirtualBox, Jupyter Notebook

PROJECTS

Unigram/Bigram Program   **Fall 2019**
- Designed program that extracts a text file and parses individual texts
- Analyzed the frequency of a given word as well as its location in the file
- Programmed in C++

Digital Elevator Project   **Spring 2020**
- Implemented a functioning elevator using Quartus software & DE0-CV board
- Collaborated with another student to accomplish project
- Effectively communicated with teammate to meet project deadline

Web Scraper   **Summer 2020**
- Developed a simple web scraper that extracts information from a given website
- Parses through HTML blocks to retrieve certain information using BeautifulSoup
- Coded in Python using Jupyter Notebook

Portfolio Website   **Summer 2021**
- Created a personal programming portfolio to host projects in
- Utilized React and SASS to manage front end design
- Operated under Github pages to regulate website

ADDITIONAL SKILLS

Fluent in English and Tagalog
Elementary Spanish
Strong Communication Skills
Proficiency in Technical Writing
Excellent Time Management Skills

AWARDS

Dean's Honors List   **2018 - 2021**
Millennium Scholarship   **2018 - 2020**