

Elinnoel Nuñez

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EDUCATION

University of Houston - College of Natural Sciences & Mathematics

Houston, TX

Bachelor of Science in Computer Science, Minor in Mathematics

Aug. 2020 – Dec. 2023

GPA: 3.82

Deans List: Fall 2020, Spring 2021, Fall 2021

Relevant Courses: Design of File & Database Systems, Operating Systems, Discrete Mathematics, Programming Data Structures, Computer Organization & Architecture, Linear Algebra, Fundamentals of Information Security

EXPERIENCE

Incoming Software Engineer Intern

June 2022 – Aug. 2022

JPMorgan & Chase Co.

Houston, TX

NSM Academic Teaching Assistant

Jan. 2022 – May 2022

University of Houston

Houston, TX

- Maintained regularly scheduled office hours to advise and assist students in python programming fundamentals for COSC 1306: Computer Science & Programming.
- Evaluated and graded examinations, assignments, papers and recorded student grades.
- Prepared and proctored examinations, ensuring student academic integrity.

Information Technology Support Assistant

Aug. 2021 – Jan. 2022

University Advancement

Houston, TX

- Communicated with managers to set up desktop office computers for incoming employees.
- Capitalized on troubleshooting techniques to fix technical issues brought by office staff.
- Maintained upkeep of computers and equipment through system updates and general hardware care.
- Organized and managed inventory of hardware and resources.

PROJECTS

Library Catalog Database | *Git, HTML, CSS, JavaScript, Linux, Apache, MySQL, PHP, AWS*

Apr. 2022

- Collaborated in a team of 5 to develop a library database web application using the LAMP stack.
- Designed, mapped, configured and executed database development to improve efficiency by using good database development practices.
- Wrote complex SQL queries, stored procedure, triggers, and views using DML, DDL commands and user defined functions to implement the web application logic.

React Web App for Non-Profit | *Git, React, JavaScript, HTML, CSS, Material-UI, MySQL*

Feb. 2022

- Collaborated in a team of six to develop a web application solution for the Launch gURLs organization.
- Designed and built an education/entrepreneurship learning platform for young girls of the Launch gURLs community.
- Implemented front-end development features using React components for responsiveness and Material-UI for custom styling.

Etch-A-Sketch | *HTML, CSS, JavaScript, Git, VS Code*

Dec. 2021

- Built a web app to allow users to simulate and visualize etch-a-sketch art on the front-end.
- Used HTML/CSS for the UI and JavaScript functions to create the event listeners to interact with the user.

TECHNICAL SKILLS

Programming Languages: C/C++, Python, JavaScript (React, NodeJS), PHP, SQL (MYSQL), HTML/CSS

Tools: VS Code, Git (GitHub), MS Office, OS (Windows, Linux), Cloud (GCP)

Languages: Spanish (Fluent), Portuguese (Intermediate)

EXTRACURRICULAR

Volunteer Tutor | *CougarCS*

Jan. 2022 – Current

- Tutored multiple students in understanding data structures, algorithmic concepts, writing cleaner code and problem-solving for courses such as COSC 1336, COSC 1437, COSC 2436.

CyberSecurity Program Participant (10 Weeks) | *CodePath*

Feb. 2022 – May 2022

- Learned the basics of cybersecurity and common vulnerabilities and attacks, receiving hands-on practice in both exploitation techniques and strategies for protecting and hardening applications.