

Mario José Villatoro

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Education

Bachelor of Science, Computer Science. GPA: 3.0

Expected Graduation: December 2023

University of Texas at Arlington, Arlington Texas.

Scholarships: Rear Admiral Grace M. Hopper, PH.D, Scholarship Award

Technical Skills

Languages / Libraries: Python, Javascript, C/C++, Java, MATLAB

Development Tools: Git, Visual Studio Code, VI, Terminal,

Other: React Native, HTML, CSS, Jira, Slack, Figma, Adobe XD, Pycharm, LaTeX

Projects

Project Temple

Jun 2022 – Aug 2022

- Summer project with UTA Software Development Club and Cyber Security Club.
- Worked in a project team of 25 people, using **Jira** to dictate sprints and separate tasks by components.
- Created mobile app using **Javascript** with **React Native**, created designs in **Figma**, used **Github** for version control.

Nike Dunk Web Scraper

Aug 2022

- Developed a webscraing script in **Python** using **BeautifulSoup** and **Selenium**.
- Pulls data from sneakernews.com to accelerate searching time.
- Returns the name, release date, and price of every shoe that is releasing within the next few months.

JPMorgan & Chase Virtual Software Experience

July 2022

- Used git to clone a repository to set up a system for data analysis.
- Implemented the Perspective open source code in preparation for data visualization.
- Use JPMorgan & Chase frameworks and tools for frontend and backend development..
- Debugged preexisted code to accomplish the task given by the forage program.

Movie Recommendation Application

Aug 2021 – Dec 2021

- Movie recommendation Application created using **Android Studio**, **Java**, **AdobeXD**.
- Led a team of 5 members, delegated tasks, and kept track of deadlines with an agile software development approach.
- Fetched information from an IMDB API, turning that into Java objects to relay the information back to the user.
- Allowed users to enter a streaming service and would return available movie recommendations.

Linux Virtual Indexed Allocated File System

Nov 2021

- Coded a virtualization of an indexed allocation system for my Operating Systems course.
- Used the **C Language**, while typing it in **VI** on a **linux terminal** with a **virtual machine** on **Ubuntu**.
- Used multiple C libraries including sys/wait.h, sys/stat.h, signal.h, errno.h, time.h, and unistd.h.

Extracurricular

Software Development Club [MOBI] – UTA

Aug 2021 – Present

Executive Officer

Hack UTA, Hackathon – UTA

Aug 2022 – Present

Marketing Committee Team Lead

Society of Hispanic Professionals and Engineers [SHPE] – UTA

Aug 2020 – Present

Club Member

Experience

Manhattan Construction Co. – Arlington, TX.

May 2019 – Sep 2019

Field Engineering RodMan

- Summer Internship at Globe Life Park
- Assisted Field Engineers in plotting coordinates for critical positions
- Learned and Adapted to new technologies in the field quick to improve team efficiency
- Worked in teams of 6 splitting into smaller groups to meet deadline requirements.