

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: Python, C, C++, Java, Javascript, MATLAB,

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

Other: React Native, React, Node.js, HTML, CSS, Jira, Slack, Figma, Adobe XD, Pycharm, LaTeX, Firebase

Courses: Algorithms and Data Structures, Operating Systems, Assembly Language, Programming Languages

Soft Skills: Bilingual (Spanish), Leadership, Communication, Growth mindset, Accountability, Adaptability

Projects

Project Temple – Project UTA Software Developer Club & Cyber Security Club

Jun 2022 – Aug 2022

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

Nike Dunk Web Scraper – Personal Project

Aug 2022

- Developed a web scraping script in **Python** using **BeautifulSoup** and **Selenium**.
- Pulls data from sneakernews.com to automating the process of searching for upcoming releases.
- Returns the name, release date, and price of every shoe that is releasing within the next few months.

JPMorgan & Chase Virtual Software Experience Program – Forage Program Project

July 2022

- Cloned a git repo and then 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 – Intro to Software Engineering Class Project

Aug 2021 – Dec 2021

- Movie recommendation Application created using **Android Studio**, **Java**, **AdobeXD**.
- Led a team of 5 members by coordinating tasks and keeping track of deadlines with the agile method.
- Fetches information from an IMDB API, turning that into JSON 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 – Operating Systems Class Project

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**.

Extracurricular

Software Development Club [MOBI] – UTA

Aug 2021 – Present

Executive Officer

Association for Computing Machinery [ACM] – UTA

Aug 2022 – Present

HackUTA, Hackathon Marketing Committee Team Lead

Society of Hispanic Professionals and Engineers [SHPE] – UTA

Aug 2021 – 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