

MARIO VILLATORO

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EDUCATION

University of Texas at Arlington

08 2021 – 12 2023

B.S in Computer Science - GPA - 3.0

Arlington, Texas

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

TECHNICAL SKILLS

Languages: C, C++, Python, MATLAB, Java

Development Tools: Git, Visual Studio Code, VI,

Operating Systems: Linux Development, Windows Development

Developer Tools: Jira, Slack, Figma, Adobe XD, PyCharm, L^AT_EX

COURSEWORK / SKILLS

- | | | | |
|-------------------------------|--|--------------------------------|----------------------------|
| • Object Oriented Programming | • Computer Organization | • Algorithms Data Structures | • Technical Communications |
| • Operating Systems | • Fundamentals of Software Engineering | • Theoretical Computer Science | |

PROJECTS

Movie Recommendation Application | Android Studio, Java, AdobeXD, frontend, backend **08 2021**

- Movie recommendation application for Intro to Software Engineering course.
- Led a team of 5 members by delegating task and keeping track of deadlines with the agile software development approach.
- Fetched information from IMBD API, turning data into Java objects to relay information
- Allowed user to enter streaming service information and returned recommendations based on input.

Linux Virtual Indexed Allocated File System | C, Terminal, VI, Virtual Box, Ubuntu **10 2021**

- Coded a virtualization of an indexed allocation system for my Operating Systems course.
- Used multiple C libraries.

JPMorgan and Chase Virtual Software Experience | Python, React, Typescript, Git **06 2022**

- Used git to clone a repository to set up a system for data analysis.
- Implement the Perspective open source code in preparation for data visualization.
- Use JPMorgan Chase frameworks and tools.
- Worked on tasks also that allowed me to understand how to debug and work on preexisting code.

WORK EXPERIENCE

Manhattan Construction Co.

05 2019 – 09 2019

Field Engineer Rod Man

Arlington, TX

- Summer Internship at Globe Life Field Rangers Ball Park.
- Assisted field engineers in plotting coordinate locations of critical positions.
- Learned/adapted to new technology in the field quickly to increase team efficiency.
- Used critical thinking and problem solving skills to overcome challenge that were not foreseen prior to starting new tasks.
- Worked in a team of 6, splitting into smaller groups to meet deadline requirements.