Marsel Fetlyaev

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EDUCATION

University of South Florida – *Bachelor of Science in Computer Science*   **Graduating May 2025**
Relevant Coursework: *Data Structures, Program Design, Object Oriented Programming*   **GPA: 3.4/4.0**

TECHNICAL SKILLS

- Programming languages: Python, C/C++, Java, JavaScript, React, HTML/CSS, SQL, Lua, NodeJS, MVC
- Tools & Frameworks: Git, Figma, MySQL, MongoDB, Firebase, Linux, Microsoft Office, CI/CD, REST API
- Certifications: AWS Certified Cloud Practitioner, CodePath Certificate in Software Engineering

EXPERIENCE

Amazon, Inc. – *Software Development Engineer Intern*   **May 2024 – August 2024**
- Developed a customization system with image editing and uploading using **Java Spring** framework, encouraging user registry creation and improving the retention by **50 percent**
- Implemented an **MVC** system with a database based on **S3** to store and retrieve user images
- Prepared and presented a design document with research on implementation and security of new banner project

MarselTutors – *Founder and Coding Tutor*   **May 2021 – Present**
- Founded a tutoring platform providing 1-on-1 project-based coding lessons, teaching kids programming languages like **JavaScript, Python, and Roblox Lua**, resulting in a **70%** improvement in coding proficiency and project completion rates.
- Assisting students in debugging and overcoming coding challenges, fostering a supportive learning environment that resulted in successful completion of their projects and increased programming proficiency

Williams Communications, Inc. – *Computer Networking and Software Engineer*   **March 2021 – April 2024**
- Creating **Python** scripts with Matplotlib and SSH, increasing speed of data retrieval and analysis by **90 percent**
- Integrating cloud backup script using Python and **Netmiko** that automates the backup of **Cisco** devices weekly
- Designing an interactive **GUI** system using Tkinter for Cisco **Routers and Switches** to display statistics regarding current speed of ports on a dynamic graph and Excel spreadsheet

PROJECTS

Finance Tracker (JavaScript, React, Axios, NodeJS, REST API)   **August 2023 – September 2023**
- Developed a full-stack application to help users track income and expenses, featuring personalized financial tips and a month-to-month net worth progress graph, improving financial planning by **40%**
- Integrated an **API** request tester (Insomnia) and **Axios** for efficient server communication, enhancing the app's responsiveness and reliability

Brilliant Mates (Python, SQL, Pygame, Pyexe, Tkinter)   **January 2022 – August 2022**
- Developed a two-player chess game in Python to allow players to analyze and review chess games
- Utilized **pygame, tkinter, and pyexe** for a full downloadable game with GUI and two player interaction using an **SQLite** database for storing and retrieving game scenarios

LEADERSHIP

VP of Technology – **Society of Hispanic Professional Engineers (SHPE)**   **March 2023 – March 2024**
- Promoting technology within the chapter by hosting **5+** tech events on topics such as coding fundamentals and technical interviews with **600+** total attendees to prepare members for future interviews and hackathons
- Orchestrating a 12-hour hackathon with 6 other on-campus organizations by managing all logistics and fundraising over **$3500** for the event to introduce hackathons to first-time hackers

Hackathon Co-Director – **Society of Hispanic Professional Engineers (SHPE)**   **May 2023 – March 2024**
- Leading USF's largest 24-hour hackathon, promoting the event and organizing a team of **12** directors, results in over **500** projected attendees
- Assisting students with workshop registrations, project creativity, and networking opportunities, ensuring hackers' satisfaction and growth mindset