

# Marsel Fetlyayev

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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: 3.41 /4.00**

## TECHNICAL SKILLS

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

## EXPERIENCE

**Williams Communications, Inc. - Computer Networking and Software Engineer**

**March 2021 – Present**

- 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

**iD Tech Camps – Software Development Tutor**

**May 2021 – Present**

- Implementing project-based learning in 1-on-1 lessons to boost engagement and enhance understanding of **JavaScript, Python, Roblox & Lua**, and Chess resulting in **60 percent** higher participation
- 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

**Code Ninjas - Software Development Tutor**

**October 2019 – April 2021**

- Mentored **5+** student classes, ensuring everyone was on the correct path to understanding coding concepts in **JavaScript, Python, and Roblox & Lua**
- Utilized a gamified engaging learning camp with peer programming method, developing video games in **pygame** and **p5js** libraries to keep **15+** students engaged for the full hour of a lesson

## PROJECTS

**[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

**[Recipe Lab](#)** (JavaScript, React Native, Google Vision)

**March 2023 – May 2023**

- Built a recipe suggestion mobile app in React Native that allows users to find recipes more efficiently based on ingredients they have in their fridge
- Collaborated with talented peers at the SHPE hackathon called Hackabull, successfully completing the workload in only 24 hours

## LEADERSHIP

**VP of Technology – Society of Hispanic Professional Engineers (SHPE)**

**March 2023 – Present**

- 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 – Present**

- 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