

Emmanuela Fleurant

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EDUCATION

Florida Gulf Coast University

Bachelor of Science in Software Engineering | GPA: 3.54

Fort Myers, FL

Aug 2024 – May 2027

TECHNICAL SKILLS

Languages: Python, C, C++, HTML, CSS, JavaScript

Frameworks & Libraries: React, Node.js, pandas, NumPy, Matplotlib, Scikit-learn

Tools & Platforms: Git, GitHub, Visual Studio Code, Ubuntu

PROJECTS

Full-Stack Web Developer (Service Learning) | React, Node.js, Git, Jira

Oct 2025 – Dec 2025

Zonta Club of Naples & Software Engineering Fundamentals

GitHub: <https://github.com/emmanuelafleurant/zonta-of-naples-website>

- Developed a full-stack nonprofit web application using **React** and **Node.js**
- Implemented **frontend components** and **backend services** following **RESTful architecture**
- Applied **Agile/Scrum methodology**, participating in sprint planning and task tracking using **Jira**
- Created **UML diagrams** (class, sequence, collaboration, state) to model system design and application workflows
- Collaborated with stakeholders to gather requirements and deliver iterative feature enhancements

WNBA Draft Predictor Model | Python, Pandas, NumPy, Scikit-learn

Aug 2025 – Nov 2025

Machine Learning

GitHub: <https://github.com/emmanuelafleurant/wnba-draft-prediction-model>

- Built a **machine learning pipeline** to predict **WNBA draft picks** using historical data from **1997–2022**
- Engineered features from player performance, draft trends, and historical statistics
- Trained and compared multiple models (e.g., **Linear Regression**, **Random Forest**, **Logistic Regression**, **XGBoost**)
- Optimized model performance through **hyperparameter tuning** and cross-validation
- Visualized insights and predictions using **Matplotlib / Seaborn**
- Collaborated with team members using **Git** for version control

Personal Portfolio | HTML/CSS, JavaScript

Sept 2025

GitHub: <https://github.com/emmanuelafleurant/portfolio-website>

- Designed and developed a **responsive personal portfolio website** using **HTML, CSS, and JavaScript**
- Implemented interactive UI components to showcase **projects, skills, and experience**
- Applied **responsive design principles** to ensure cross-browser and mobile compatibility
- Structured semantic HTML and modular CSS for improved **accessibility and maintainability**
- Deployed the website for public access and continuous updates

LEADERSHIP

Team Lead | Agile Methodology

Jan 2025 – Apr 2025

- Led an Agile team of four to design and develop a cross-platform full-stack web application
- Coordinated frontend and backend integration using **HTML, CSS, JavaScript**, and **Node.js**
- Acted as liaison between team members and course instructor to ensure project alignment and delivery