SHIRINA SHAJI DANIEL

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EDUCATION

Bachelor of Arts in Computer and Information Sciences   **Expected May 2027**
Florida International University | Miami, Florida

- **Coursework:** Data Structures, Programming 1 & 2 with Java, Systems Programming in C, Computer Architecture, Discrete Structures, Internship Ready Software Development (SDIR), Statistics for Business and Economics, Digital Forensics
- **GPA:** 3.58 / 4.00
- **Organizations:** INIT, INIT Build, WiCS, GCI, SWE, HerCampus

SKILLS

- **Programming & Development:** Python (OOP), Java (OOP), C, JavaScript, TypeScript, HTML, SQL, Transact-SQL (T-SQL), NoSQL, Vue, Front-End Development, Database Development, Flask, Streamlit
- **Machine Learning & Data Analysis:** Machine Learning, Regression, Random Forest, Feature Engineering, Data Cleansing, Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn, Plotly, Data Visualization, LLM Integration (basic)
- **Tools:** Git/GitHub (version control), MongoDB, Microsoft SQL Server, Linux/UNIX, CI/CD, ETL Processes, API Design, Workflow Automation (Kestra), WordPress, Trello, UX/UI Design, Microsoft Office 365, Command-Line Skills, Docker

RELEVANT EXPERIENCE

HerCampus FIU | Miami, Florida   **January 2024 - Present**
Marketing Director

- Lead marketing strategy and content creation on **Instagram**, **Monday.com**, and **Notion**, designing visually compelling campaigns, increasing account engagement by **71%** and recruiting **80+** participants per event
- Plan and coordinate social media coverage for **15+ events**, building an active online community and maximizing visibility

Summer 2025 Ignite - AI4ALL Ignite | San Francisco, California   **May 2025 – October 2025**
AI/Machine Learning Researcher | https://github.com/shirinadan/AI4ALL-Project

- Built a **machine learning workflow** using **Python**, **Pandas**, **Scikit-learn**, **regression models**, **feature engineering**, and **bias mitigation**, applying **5-fold cross-validation** on global datasets from **Kaggle**
- Performed **advanced data cleansing** and **feature engineering** to prepare datasets, trained a **Random Forest regression model**, achieving an **R^2 score of 0.68**, and ensured model reliability and accuracy
- Collaborated with a **team of 5** to deliver and present an **end-to-end research project**, strengthening **career-readiness**, **communication**, and **applied machine learning** skills

PROJECTS

My Music Page; INIT Build | https://github.com/shirinadan/mymusicpage   **October 2025 - Present**
- Design and implement **UI components** for a Spotify-inspired Pinterest playlist web app in a **team of 10** using **Figma**, **React**, **TypeScript**, and **Tailwind CSS**
- Built **responsive**, **interactive frontend features**, practicing **component-based design**, **Git/GitHub**, and **team collaboration**

Water Quality Data Project; SDIR | https://github.com/shirinadan/Water-Quality-Project   **August 2025 - October 2025**
- Built an **end-to-end data pipeline** by cleaning CSVs **(z-score outlier removal)**, storing in **MongoDB**, and developing a **Flask REST API**, enabling accurate and structured access to water quality data
- Created an **interactive Streamlit dashboard** with **Plotly visualizations**, gaining hands-on experience in **Python**, **ETL**, **API design**, **full-stack development**, and **team collaboration**

Kestra; Open-Source Contributions | https://github.com/shirinadan/kestra   **August 2025 - October 2025**
- Engineered a bug fix for UI icons (info and favorite) by updating **CSS variables** and adjusting spacing, ensuring consistent appearance across light/dark themes using **Docker**, **Gradle**, and local **workflow debugging** in a 3-member team
- Applied **Agile development** practices, including weekly **scrum participation**, **Git version control**, **pull requests**, **code reviews**, and **CI/CD**, strengthening **collaborative coding**, **workflow automation**, and **documentation** skills

CERTIFICATIONS

- Cybersecurity Foundations - PMI
- Microsoft SQL Server 2019 – CompTIA
- Linux+ XK0-005 – CompTIA
- Microsoft SQL Server 2019
- Unix Essential Training
- TypeScript for JavaScript Developers