

Javier Arana

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EDUCATION

George Mason University | Fairfax, VA | Degree: Bachelor of Science, Management Information Systems

Expected Graduation: May 2025

SKILLS

Programming & Data Visualization

- Python (Pandas, scikit-learn, Keras, PyTorch, Seaborn, Matplotlib), JavaScript (React), Java, SQL (MySQL, SQL Server), Git, Tableau, Power BI, Docker, Microsoft (MS Excel, MS PowerPoint, MS SharePoint).

Cloud Platforms (AWS, Azure).

Miscellaneous

- Jira, Figma, Customer service, Analytical thinker, Hardware troubleshooting expertise, Creative problem solver, Fast learner, Embraces teamwork, Communication to non-technical audiences, Canva, Bilingual in English/Spanish.

EXPERIENCE

Digital Transformation Extern | EngineerRD

Fairfax, VA | January 2025 – Present

- Using Agile methodologies to plan, perform requirements gathering, design, implement, test, and deploy AI solution for EngineerRD that automates their business processes.

Business Operations Intern | Raben

Washington, DC | January 2025 – Present

- Assisting in the deployment and customization of a CRM system to align with business requirements, improving data management and customer engagement processes.
- Utilizing Pandas to clean and manipulate data for seamless CRM entry, enhancing data quality and usability.
- Supporting user training and adoption efforts by creating instructional materials and providing hands-on assistance.

Functional Consultant Intern | C&R Software

Fairfax, VA | May 2024 – November 2024

- Developed and implemented an innovative tool to automate the comparison of software environment configurations, reducing analysis time by 92%. Created comprehensive documentation and successfully rolled it out to multiple teams, streamlining processes and improving efficiency.
- Collaborated with cross-functional teams by creating, assigning, and monitoring Jira issues, improving team transparency.
- Supported the creation of functional specifications including business and decision flowcharts and user interface prototypes.

PROJECTS

COVID-19 Data Analysis Project

December 2024

- Conducted in-depth analysis of cumulative COVID-19 data using Python libraries (Pandas, GeoPandas, Matplotlib, Seaborn) to identify trends and insights.
- Analyzed and visualized data to highlight the top 5 states and counties with the highest case numbers and their cumulative statistics.

Microsoft x Cloudforce 3rd Place Winner

October 2024

- Won the Microsoft x Cloudforce track at PatriotHacks. Created a full stack College Career web application implementing Microsoft Azure products such as Azure OpenAI GPT-4o, Azure VM, and deployed on Azure App Services.

Nexus Care | H2AI Georgetown Healthcare Hackathon

April 2024

- Won the \$2,500 prize award. Created a prototype for an electronic health record internal AI assistant. Presented business plan and ideas with a live demo on stage to a group of judges. Utilized OpenAI's GPT-4 Turbo API and React.

EXTRACURRICULAR ACTIVITIES

President of Students Helping Honduras Volunteer Organization:

- Help to raise money for parent company *1000 Schools*, which has helped build 70 schools in Honduras by having thrift stores, selling food, hosting events. Lead meetings and go over the agenda for the week.

Tech For Good Volunteer Club:

- Devise and implement plans for helping communities through technology such as refurbishing older devices for underprivileged communities.

Mason ISOM Association:

- Network and discuss academic and professional careers with other students.