

Dylan Franck

(850) 228-9726 | djf18d@my.fsu.edu

Education

Currently Enrolled

May 2022

Computer Engineering

Florida State University Tallahassee, FL

Bachelor of Science (B.S.)

GPA: 3.9

Skills

Programming Languages

- C++ -Expert
- Java -Expert
- C -Expert
- Python -Advanced
- HTML -Advanced
- C# -Advanced
- MATLAB -Advanced
- Javascript -Novice
- PHP -Novice

Workflows/Tools

- Agile
- JIRA
- Trello

Game Development

- Unity 2D

Web Development

- Spring
- Drupal 8
- .NET
- Adobe Dreamweaver

Databases/Tools

- MySQL
- MS SQL
- Hibernate

Document Management

- Microsoft Suite
- Github

AWS

- EC2
- Redshift
- Elastic Beanstalk
- Lightsail

Microsoft

- Intune/Endpoint Manager
- Azure Active Directory

Machine Learning Tools:

- Tensorflow
- Jupyter Notebook
- SciKit Learn

Work Experience

GeekSI, Tallahassee, Florida

June 2015 - Present

Position: Software Engineer

April 2020 - Present

Technologies Used:

Github, Spring, Java, HTML, JS, MySQL, Tensorflow, Jupyter Notebook, Python, AWS (EC2, RDS, Elastic Beanstalk, Lightsail), Bash, Teams, Jira

Responsibilities

- Established Cybersecurity department using NIST guidance and CMMC controls to inform policy drafting and IT System integration mainly leveraging Microsoft systems.
- Automation Project using Bash to simplify pipeline recording for the business development team.
- Implemented an Applicant Tracking System which saved time for recruiting using a Spring Boot stack.
- Researched machine learning for marketing which demonstrated capabilities using large facial datasets.
- Oversaw the company's Intern Program coordinating relations between interns and managers, organizing schedules and tasks, and advising in a variety of duties.

Position: Software Development Intern

June 2015 – March 2020

Technologies Used:

C#, .NET, Microsoft Azure, Javascript, PHP, HTML, MS SQL, Jira

Responsibilities:

- Pioneered Unity2D game development via the Unity framework creating lasting and reusable C#.
- Spearheaded web development on a Drupal 8 Site yielding a release through AWS.
- Developed and tested a .NET webapp which released for proposal submission in Microsoft Azure.
- Managed the company's IT department which meant troubleshooting with employees, oversaw equipment from acquisition to secure end-of-life, and rolling out IT systems for employees while maintaining core cybersecurity principles.

Projects

Senior Capstone: AI Powered Lead Distribution for Accenture

August 2021 - Present

Position: Team Lead

Project Description:

The purpose of AI Powered Lead Distribution was to help Accenture's clients improve their B2B sales by implementing a machine learning engine to better decide where clients, indicated by the lead data, should be directed. In doing this, this would increase response times, the relationship between the marketing and sales departments, and increase revenue.

Technologies Used:

AWS (EC2, AppFlow, Elastic Beanstalk, S3, Redshift), Salesforce (Marketing) cloud, Python, SciKit Learn, Trello

Responsibilities:

- Lead weekly discussions with the clients for collecting business requirements and running demonstrations.
 - Managed the team using Agile Methodologies with tools like Trello to coordinate and delegate tasks.
 - Researched, analyzed, and synthesized robust documentation that was presented routinely to shareholders.
 - Created complex algorithm for digesting large amounts of data and producing results with great accuracy.
 - Architected the integration between Salesforce and AWS to host the machine learning engine.
 - Designed website for displaying information to stakeholders.
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