Jonathan Giraud

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Work Experience

Publishing Profits, LLC   Richmond, VA
Full Stack Developer   May 2021-Dec 2022

- Assisted in programming a Chrome extension that gathers and compiles the sales and revenue data from several online book vendors (such as Amazon, Kobo, and Facebook) into visualizations that help authors make effective decisions.
- Maintained a website, including site functionality, user experience/interface, server configuration, and apache page routing, using frameworks such as Bootstrap 5 and Django.
- Worked with PHPMyAdmin and the Django ORM for database management and optimization, ensuring efficient data storage and retrieval.
- Integrated APIs such as Stripe and Google Charts to create a smooth and visually appealing experience for our users.
- Parsed and scraped book information from Amazon webpages into our database.
- Configured images with Docker to deploy instances of Dundas BI.

Staples   Colonial Heights, VA
Tech Support and Sales Associate   May 2019 - Sept 2019

- Assisted customers with technical inquiries, troubleshot hardware and software issues or installation, and recommended appropriate products and solutions to meet their needs.
- Actively contributed to the sales team by achieving monthly sales targets through upselling and cross-selling strategies, resulting in increased revenue and customer satisfaction.

Skills

Technical:	Skilled with building and troubleshooting computer software and hardware.
Languages:	Python, Javascript, C#, Java, HTML, SQL, CSS
Software:	Android Studio, ArcGIS, Hit4Film, Docker, Apache, VS Code, UNIX, Unity, Excel, Word
Frameworks:	Bootstrap 5, Django, Flask, Express.js, jQuery, ASP.NET MVC, Angular
API:	Stripe API, Github API
Databases:	MySQL, MongoDB, SQLite
Server skills:	Ubuntu, Apache, SSH, Virtual Hosting

Projects

DVD Rental Website *C#, ASP.NET MVC*   https://github.com/Jogira/DvD-Rental

Developed a small website to display a database of rentable movies using the ASP.NET framework which includes all CRUD operations, custom validation, database integration, custom APIs, and account creation.

Videogame Database *Angular, Typescript*   https://github.com/Jogira/ng-video-game-db

Video game database with a clean and responsive UI that gathers video game information and allows users to search titles from the Rawg.io API.

Richmond Flood Map Webapp *ArcGIS Pro, Python*   https://github.com/Jogira/Richmond-Runoff
Worked with a team to create a flood map of Richmond using LiDAR data and ArcGIS simulations that are displayed on the web to highlight areas more susceptible to flooding.

Minigolf Scorecard *Android Studio, Java*   https://github.com/Jogira/Putt-Putt

Collaborated with 3 others to iteratively improve user experience and user interface design for a simple mini-golf scorecard app, with aesthetics and ease of use as a focus.

Education

Virginia Commonwealth University   Richmond, VA
B.S. Computer Science, focus in Software Engineering *GPA: 3.9*   Aug 2018 - May 2021

Awards

Summa Cum Laude and Dean's List   Virginia   Commonwealth
University Recognition for graduating with a GPA of 3.9 and maintaining high grades for every semester.
May 2021

Tau Sigma   National Honors Society
Recognition for academic excellence as a transfer student.   May 2021