

Jonathan Giraud

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Work Experience

Publishing Profits, LLC

Full Stack Developer

Richmond, VA
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.
- Injected into and managed a SQL database for storing author specific data and user account information.
- 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

Tech Support and Sales Associate

Colonial Heights, VA
May 2019 - Sept 2019

- Troubleshoot hard-drive failures, printer malfunctions, and transferred files or installed software to newer computers.
- Assisted customers at the cash register and on the sales floor with any questions they had.

Skills

Technical: Experienced 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: Amazon API, Google Charts 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 MVC framework which includes all CRUD operations, custom validation, database integration, custom APIs, and account creation.

Colorfall Drawing App Android Studio, Java

<https://github.com/Jogira/Colorfall-Painting-App>

A drawing app made with a group of 4 people, that has basic functionality like colors, a fill tool, and saving.

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, along with informing architects as to which areas are safe to construct in.

Minigolf Scorecard App Android Studio, Java

<https://github.com/Jogira/Putt-Putt-Scorecard-Android-App/>

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

B.S. Computer Science, focus in Software Engineering GPA: 3.9

Richmond, VA
Aug 2018 - May 2021

Awards

Summa Cum Laude and Dean's List

Recognition for graduating with a GPA of 3.9 and maintaining high grades for every semester. Virginia Commonwealth University May 2021

Tau Sigma

Recognition for academic excellence as a transfer student.

National Honors Society
May 2021