

# Angel McCrary-Lupson

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## EDUCATION

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### University of Washington

Seattle, WA

*Bachelor of Science in Informatics - GPA 3.38*

*Est. June 2021*

Relevant Courses: Java Programming I & II, Web Programming, Data Structures & Algorithms, Intro to Data Science

## TECHNICAL SKILLS

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**Languages:** Java, Python, HTML, CSS, Javascript, PHP, MySQL, R

**Frameworks:** React, Flask

**Developer Tools:** Git

## PROJECTS

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### Job & Internship Scraper | : *Python, BeautifulSoup, Flask, Javascript, Bootstrap, Heroku*

[Live Site](#)

- \* Developed a website for curating job/internship offers from various job posting websites to streamline the application process.
- \* Engineered a web scraper that collects data from job posting websites.
- \* Leveraged browser's local storage, allowing users to keep track of favorite posts and application progress.

### Eco-Eats | : *Python, Flask, HTML, CSS, Javascript, Bootstrap*

[Live Site](#)

- \* A Google Chrome browser extension that informs users of the amount of carbon the foods they shop for on Amazon.com emit.
- \* Developed the website that hosted the data processor and connected the extension to the server's carbon emissions data.

### Team Fight Tactics Analyzer | : *Python, MatLabPlot, PySimpleGui, Riot API*

[Github Repo](#)

- \* Created a program that collects data from Riot's competitive match data for the game Team Fight Tactics. The data is then processed and visualized with a graph.
- \* Integrated Riot's API and engineered a system to collect and visualize match data.
- \* Designed the program's GUI to allow easier data analysis and visualization.

### Mixed Musical Reality | : *C#, Unity, Hololens 2*

[Dubhacks 2019](#)

- \* Developed HoloLens 2 software aimed at making music education interactive and fun by creating a virtual, playable piano and accompanying sheet music.
- \* Took leadership as the project manager, maintaining clear communication flow between the team, and fostering efficient time management.
- \* Created 3D models and rigged said models.

## EXPERIENCE

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### Company Sales Associate & Assistant

Feb 2016 – Sep. 2018

*Impression Photography*

*Las Vegas, NV*

- \* Delivered premium customer service and troubleshoot tech issues with printers and cameras
- \* Gained experience using Photoshop, interacting with customers, and resolving problems with unfamiliar hardware and software.

### Advertisement Billboard Operator

May 2016 – Aug. 2017

*Giordano World Entertainment Company*

*Las Vegas, NV*

- \* Oversaw the advertisement projections of a LED billboard.
- \* Streamlined the projection system by automating the process and allowed for remote operation and maintenance.