Jhin J. McGlynn

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Objective: Acquire an entry level full-time position that will provide me an insight into the software engineering field, to enhance my problem-solving abilities and work collaboratively in a professional teamwork environment.

Education:

University of Connecticut, Storrs, CT — May 2022
Bachelor of Science, Computer Science; GPA: 3.94/4.00
Minor: Molecular Cell Biology; Dean's List: Fall 2018, Fall 2020, Spring 2021
Relevant Coursework: Data Structures and Object Oriented Design, Discrete Mathematics, Systems Programming, Algorithms and Complexity, Intro to Computer Architecture, Principles of Databases, Cybersecurity Lab, C++ Essentials, Machine Learning, Data Mining, Programming Languages, Multivariable, Linear Algebra, Statistics

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Skills:

Programming languages/framework/etc.: Python, C, Linux, Java, Scheme, SQL, Reactjs, Flask, HTML5, CSS, Javascript, Bootstrap, Github, Git, Databricks, Amazon Web Services, Agile, Windows
Software: Microsoft Office, VSCode, Google Drive, DrRacket
Languages: Fluent in Chinese (Mandarin) and Korean

Projects:

Web Portfolio | React/Javascript/JSX/CSS/HTML

- Designed and deployed a responsive multi page website portfolio.
- Utilized React.js, JSX, and ES6 to create reusable components that are both readable and scalable.

Data Finder | Python/Flask/Amazon Web Services(S3 buckets, Wrangler)/CSS/HTML/SQL

- Created a webpage feature for Travelers underwriters that allows information to be easily accessible
- Implemented a restful API with Python and Flask to enable communications between the frontend and the backend and established a connection to the AWS database with AWS Wrangler and pulled necessary content with SQL commands for the API calls.
- Led the team for the backend design and implementation.

Voice Draw - Hackathon(Travelers) | Python/Flask/Natural Language Processing

- Developed an application which allows users to design diagrams using their voices.
- Designed and implemented a backend with python and NLP toolkit to accurately transform user voice into a diagram
- Co-led and coordinated the team for the project flow by outlining an overall architectural overview diagram

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Work Experience:

UCONN School of Engineering, Storrs, CT - Undergraduate Teaching Assistant — August 2021 - Present

- Explained complex algorithms and their runtime complexities to students to facilitate their learning progression
- Graded students' exams and assignments and provided feedback to help improve their understanding of the material
- Communicated with the professor, teaching assistants, and students to establish positive relationships and to create an efficient learning environment

Travelers, Hartford, CT - Software Engineer Intern — June 2021 - August 2021

- Assisted in automation of data migration from Hadoop to AWS for future database scalability by using SQL and Python pandas
- Updated database schema by using Python Pandas, SQL, and Databricks for better readability and consistency
- Collaborated with co-workers in an Agile environment and gained experience in problem solving, adaptability, and software design

Uniquely Caffeinated Cafes, Storrs, CT - Crew member — December 2019 - June 2020

- Maintained high standards of food quality by compiling with company policies for food preparation and safety
- Replenished condiments, beverages, and supplies while maintaining cleanliness of service areas
- Consistently communicated with team members to satisfy customers' needs and to prevent stagnation of the line

UCONN Chem: Nanomaterials and Nanodevices Research, Storrs, CT - Undergraduate Research Assistant — October 2018 - June 2019

- Contributed to the making of nanocapsules by brainstorming ideas and preparing polymers
- Ensured the precision of experimental results by reviewing and summarizing articles before every lab
- Excised independence by conducting many successful experiments with minimum supervision