

JOSHUA MENZIES

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QUALIFICATIONS OVERVIEW

Motivated recent computer engineering and computer science graduate seeking an entry-level position as a software engineer. Committed to leveraging full-stack development, data engineering, and AI/ML skills to deliver innovative solutions on key business initiatives. Analytical critical-thinker dedicated to driving technological advancements, troubleshooting, solving complex problems, and contributing to the success of an innovative organization. Productive working autonomously or as a collaborative team member.

- Execute software solutions through the design, development, and troubleshooting of multiple components within application or system at the convergence of hardware, software and content.
- Utilize iterative and incremental approach to development of data-intensive applications.
- Apply system processes, methodologies and skills for the development of secure, stable code and systems.

Technical Skills: HTML, CSS, C++, Java, SQL, Python, JavaScript, TypeScript, React, AWS Cloud Computing, Node.js, Pandas, TensorFlow, Git, Bootstrap, MongoDB, and MS Office; Neural Networks, Deep Learning, Data Preprocessing, Model Evaluation, REST APIs.

Links: LinkedIn: <https://www.linkedin.com/in/josh-m123456/>, GitHub: <https://github.com/jmenzies722>, and Personal Website: <https://jmenzies722.github.io/Menzies-Portfolio/port.html>

PROFESSIONAL DEVELOPMENT

Nebula Academy

Software Engineering - Certification Bootcamp

Huntington, NY

Expected completion 2024

- Actively engaged in intensive V11 cohort, mastering full-stack development practices to design, build, and maintain software applications.
- Gain comprehensive knowledge of front-end and back-end development technologies to create robust, user-friendly applications.
- Collaborate with diverse peer group on coding projects, employing teamwork to devise effective solutions and develop functional software.
- Apply problem-solving skills in troubleshooting and debugging, ensuring optimal functionality of software applications.
- Receive hands-on training in Agile methodologies, version control systems, and cloud deployments, enhancing abilities to contribute to modern, efficient software development teams.

EDUCATION

University of Hartford

B.S., Computer Engineering (minor: Computer Science) [Dean's List 2020-2023]

West Hartford, CT

5/2023

RELATED EXPERIENCE & ACCOMPLISHMENTS

University of Hartford

Lead Designer, Senior Design Expo

West Hartford, CT

9/2022 – 4/2023

- Collaborated with hardware/software engineers to design and develop the Medi app using Bootstrap, HTML, CSS, and JavaScript.
- Implemented REST API for efficient data retrieval and integration with the Medi app.
- Led front-end/back-end development, optimizing scheduling and dispensing features to achieve a 20% increase in user experience.
- Developed a full-stack application enabling seamless communication with the ESP32 device for wi-fi functionality.
- Implemented data management features, providing users personalized medication intake insights.
- Managed project priorities, deadlines, and deliverables effectively to ensure timely execution of tasks.

Select Projects

Predicting Airbnb Prices in New York City

- Utilized Python, TensorFlow, and 5-layer MLP neural network on a Kaggle dataset. Visualized insights using Matplotlib
- Achieved 85% accuracy, surpassing linear regression models.

Identifying Best Places to Live in Connecticut

- Utilized CART algorithm and MLP neural network for analysis to recommend top investment and living places in Connecticut.
- CART algorithm achieved 97% performance score, outperforming MLP neural network (91% score).

OTHER EXPERIENCE

Staples

Technology Sales Associate

Bayshore, NY

6/2021 – 1/2022

- Achieved sales targets via up-to-date knowledge of technology solutions to assist and satisfy customers with product selection.

Chipotle Mexican Grill

Crew Member

Farmingdale, NY & Hartford, CT

6/2019 – 11/2021

- Contributed to team effort in delivering superior customer service in a fast-paced retail food service environment.

University of Hartford Gym

Front Desk Monitor

West Hartford, CT

9/2019 – 5/2020

- Partnered with staff to address/resolve members' concerns, provide info about equipment and resources, ensure safety and security.

AFFILIATIONS/ACTIVITIES

National Society for Black Engineers (NSBE), Member

2019 – 2023

- Engaged in professional development workshops and networking events. Promoted STEM education to under-represented groups.