

LURA MISNER

MASSACHUSETTS

MisnerLura@Gmail.com

TECHNOLOGY DEVELOPMENT PROFESSIONAL

WEB DEVELOPMENT | SOFTWARE & APPLICATIONS | DATABASE SYSTEMS

High-impact, detail-oriented development professional with an excellent track record for achieving results in fast-paced environments. Responsive and reliable self-starter with a strong ability to identify initiatives and facilitate innovative data-driven plans to support a company's technology strategy and directives. Excellent foundational understanding of development environments and concepts that help ensure project timelines are achieved. Effective at understanding a project's scope and requirements to successfully formulate winning technology solutions that create alignments between business goals and the technological tools to achieve them.

CORE STRENGTHS & PROFESSIONAL COMPETENCIES

- | | | | |
|-------------------------|--------------------------|----------------------|--------------------------|
| ➤ WEB DEVELOPMENT | ➤ BACKEND DEVELOPMENT | ➤ ALGORITHM DESIGNS | ➤ INFORMATION SECURITY |
| ➤ SOFTWARE ENGINEERING | ➤ FULL-STACK DEVELOPMENT | ➤ ALGORITHM ANALYSIS | ➤ CYBERSECURITY CONCEPTS |
| ➤ APP DEVELOPMENT | ➤ FIRST PRINCIPLE THEORY | ➤ DATABASE SYSTEMS | ➤ DATA MANAGEMENT |
| ➤ DEVELOPMENT LIFECYCLE | ➤ PROJECT PLANNING | ➤ PROJECT TIMELINES | ➤ INFORMATION ANALYSIS |

• <u>PYTHON</u>	• <u>JAVA</u>	• <u>HTML</u>	• <u>CSS</u>	• <u>JAVASCRIPT</u>	• <u>SQL</u>	• <u>SWIFT</u>
• <u>C</u>	• <u>C++</u>	• <u>R</u>	• <u>GIT</u>	• <u>REACT</u>	• <u>APIs</u>	• <u>JSON</u>

PROJECT BASED EXPERIENCE:

DEVELOPER | DATABASE ADMINISTRATOR – APP DEVELOPMENT PROJECT - BURLINGTON, VT ▪ SEPT – DEC 2021

- Utilized teamwork to design an iOS prototype which allowed dog owners to discover local dog parks nearby as well as provided functionality that created the ability for the dog owners to connect with each other.
- Created an API to connect the application to Firebase, a NoSQL database for storing and fetching data.
- Implemented full debugging process, which helped resolve an app loading blank screen data fetching issue. We utilized a closure method that refreshed the view when the data was received to solve the issue.

DEVELOPER – SORRY! IN PYTHON - BURLINGTON, VT ▪ MAR - MAY 2021

- Worked within a team to replicate the board game Sorry! In Python.
- Utilized Python's Pygame module to create our user interface. This interface displayed the board, cards, a list of game rules, and a log of recent moves.
- Produced a program that calculated all possible moves that a player could make given their initial positions and the card drawn. After allowing the player to select a move, the board was updated to reflect it.

WEB DEVELOPER – CUSTOM WEBSITE | VERMONT HIKING TRAILS - BURLINGTON, VT ▪ NOV - DEC 2020

- Planned and deployed a website that allowed users to look up and organize hiking trails within Vermont by parameters such as town, name, associated difficulty, and trail names.
- Developed various features that enhanced user experience, such as a feature that allowed each user to create a customizable list of trails that could be saved and modified to remove or add data sets such as dates.
- Leveraged PHPMyAdmin to set up and implement a relational database used to track various datasets such as user credentials, trail details, and individual user lists.

PROFESSIONAL EXPERIENCE:

SENIOR GLOBAL MODERATOR - OFFICIAL LDOE GAME SERVER | DISCORD ▪ JUN 2018 – DEC 2021

Recruited by the original founding Admin to help grow the community, as well as create infrastructure and processes to streamline server operations for this official global game server. Ultimately became one of the platform's biggest servers.

- Helped manage bots, create processes, and increase efficiencies in various areas of operation within server.
- Reached over 100K members around Oct 2018, and 250K members by the following Summer (Jul/Aug 2019)

STUDIO ASSISTANT – FLORA-LY – ORANGE, MA ▪ JUL 2017 – AUG 2021

- Communicated with clients to coordinate and schedule delivery of bouquets.
- Responsible for recording information about preservation process – such as the types of flowers, stem counts, start date for bouquet pressing, dates for paper changes.
- Maintained appropriate documentation about client's event details. This information included venues, photographers, and florist. The information was then utilized as a networking tool.

EDUCATION:

THE UNIVERSITY OF VERMONT (UVM)
MAJOR: BACHELOR OF SCIENCE | COMPUTER SCIENCE (GPA: 3.6)
MINOR: MATHEMATICS

CLASS OF 2022
BURLINGTON, VT