

Ethan Willingham



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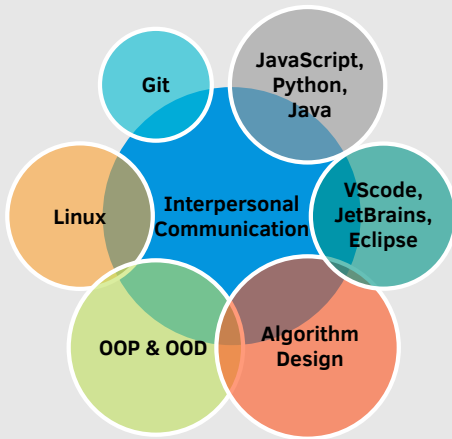


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Ethan-Willingham

Skills



Projects

JavaScript, CSS, HTM, PHP

Building websites for multiple local businesses and working with The Saint Paul Inter-Group website.

JavaScript, CSS, HTML, WEB-API, AWS

Implemented custom colored Google map using Google a web-API. Currently deployed using **AWS Amplify**.

Education

Jan 2021 - **Computer Science BS**

Metropolitan State University

Current

Expected graduation date: December 2023
Dean's List

Jan 2020 - **Associate of Arts Degree**

Saint Paul College

Dec 2020

Experience

Jan 2017 - **Assistant Manager**

Soapy Joe's

Present

- Highly skilled in team leadership, relationship development, goal alignment and revenue production
- Responsible for daily business operation including management of 15+ employees and financial accountability
- Facilitate new employee training to ensure product quality standards
- Worked to continually bring focus and energy to drive new business
- Lead company to obtain the star tribute Minnesota's best car wash in the state two years in a row.
- Excel within a service-oriented company, demonstrating a talent for effective communication

Mar 2019 - **Program Director**

Buffalo Sober Living, LLC

Oct 2021

- Increase profitability by establishing and maintaining relationships in the industry
- Coordinate community engagement events
- Redesigned website to establish online presence and increase program awareness

Volunteer Work

Aug 2022 - **Website Maintenance Internship**

Saint Paul Intergroup

Present

- Non-profit mentorship program assisting with website maintenance
- Database manipulation based on client requests, **phpMyAdmin**, **FileZilla**

Jan 2023 - **Board Member**

Buffalo Sober Living, LLC

Present

- Non-profit Sober living organization
- committed to the long-term interests of the organization and meet regularly to oversee and direct business operations, set policies, and approve business decisions

Current Coursework

Fall 2022

Machine Learning/ Object Oriented Design/ Algorithms and Data Structures/ Org of Programming Languages

- Designed and implemented a custom algorithm for traveling sales person problem with approximation ratio of 9/5 in **Java**
- Designed and developed a user facing Java project using **Gradle** alongside dependencies **GSON** and **JavaFX**
- Implemented serialization and deserialization methods with both **JSON** and **XML**
- Expanding my knowledge by using **Git** through the **Linux CLI** on **Linux** distribution **Fedora**
- Applied data science skills through use of **Python** and it's dependencies: **Pandas**, **Matplotlib**, and **Numpy** to learn and work with various machine learning technologies

