

ELIJAH MENTCH

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<https://elijahmentchwebsite.azurewebsites.net/>

EDUCATION

University of Wisconsin-Madison
BS Computer Science *GPA: 3.7*

Madison, WI
September 2017 - May 2020

SKILLS

Languages: C#, Java, JavaScript/CSS/HTML, Python, SQL, C
Technologies: Azure, Git, Bash
Frameworks/Libraries: ASP.NET Core, .NET Core, Bootstrap, sqlite3
Soft Skills: Goal Oriented, Verbal/Written Communication, Analytically Driven

PROJECTS

2048 Game *JavaScript/CSS/HTML* <https://elijahmentchwebsite.azurewebsites.net/Game>
A clone of the hit game '2048', uses cookies to save high score between sessions

Console-based Todo List *Python, SQLite* <https://github.com/emmentch/todolist>
A todo list application created to better keep track of projects around the house. Implemented using SQLite to store the data and regular expressions to handle user input.

Text-Based Fighting Simulator *Java (FX)* <https://github.com/emmentch/RPGGame>
Implemented a GUI to simulate a MVC modeled text-based game to battle by entering commands into a text field.

Mock Language Compiler *Java (JLex/java_cup)*
Semester-long school project in which I made a compiler (scanner/parser/semantic analyzer/code generator)

Mock Language REPL *Haskell*
School project in which I made an evaluator, parser, and REPL in a functional programming language

IPv4 Router *Python (Switchyard)*
School project in which I made a simplified router that responded to ARP requests, maintained a route lookup table, and learned routes dynamically to handle the forwarding of Internet data packets

Graphics Town *JavaScript*
School project that utilizes the THREE.js library to create a town of objects using shaders, lighting, meshes, and other graphics components

EXPERIENCE

West Bend Country Club
Cook

West Bend, WI
June 2015 - Present

- Worked in a fast-paced environment, prioritizing various tasks and responsibilities at once to prepare food in a timely manner
- Displayed great work ethic and enthusiasm under pressure

Wisconsin Union
Student Supervisor

Madison, WI
October 2017 - March 2020

- Supervised and managed students to guide them and keep them on track and organized to meet production deadlines