

Michael Chagnon

 Michael-Chagnon |  michael-chagnon |  michaelchagnon12@gmail.com |  978-995-9876

EDUCATION

University Of Massachusetts Lowell

Expected Graduation Date: May 2024

B.S. Of Computer Science

Courses Taken: Computing 1-4 (C and C++), Database, Computer Security, Graphical User Interface, Operating Systems, Logic Design, Organization Of Programming Languages, Algorithms

Extracurricular: UML Difference Maker

Spring 2024

- Collaborated with a team to create a new innovation and solve a problem in order to address social, environmental and economic problems in the community and provide solutions.

SKILLS

Programming Languages: C, C++ (Data Structures and Objected Oriented Principles), HTML, JavaScript, CSS, Python, SQL

Tools: GitHub, jQuery, SFML, WebGL

PROJECTS

UTalent: [React](#), [Next.js](#), [Firebase](#), [Tailwind](#)

- Developed a startup by creating a web application that looks to revolutionize the freelance market for college students, facilitating the exchange of student provided services and the professional work needs of companies.

- Constructed site using React for the front end and Tailwind for styling, Next.js for routing and Firebase for the backend

Secure Drop File Transfer: [Python](#)

- Worked with a team to develop server and client communication for a secure file transfer program.

- Use SSL, TCP sockets and threading to establish encrypted communication from the client to the server and the server to the client to send file contents.

Dynamic Multiplication Table: [HTML](#), [JavaScript](#) and [CSS](#)

- Used JavaScript to dynamically create and remove HTML elements to display multiplication table as well as create and remove user created tabs for documentation of tables.

SFML Image Encoder and Decoder: [C++](#) and [SFML](#)

- Encode and decode a picture using Fibonacci's sequence as a key.

- Uses SFML to process and display the images. As well as change RGB values for each individual pixel.

WORK EXPERIENCE

Manager at Suppas Pizza and Subs:

2016 - Present

- Lead, train, and direct a team of employees to ensure efficient operations and exceptional customer service.

- Maintain comprehensive oversight of daily operations, including inventory management, order processing, and quality control, to ensure business success.