

# MAXIMILLIAN MAY

Full-Stack Software Engineer

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## SKILLS

**FRONT-END** | JavaScript, HTML, CSS, Java, C++, PHP, React, P5.js, Arduino Processing Language, Tailwind

**BACK-END** | SQL, PostgreSQL, Node.JS, MongoDB, Mongoose, Express, Objective C, Heroku, Authentication, PIC Basic

**General** | OSX, Windows, Linux, VSCode, Zsh, Bash, Anaconda, Git/GitHub, Object-Oriented Design(OOD), Markdown

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## PROJECTS

**Jeopardy!** | JavaScript, HTML, MongoDB, Mongoose, JSX, React, API, Tailwind CSS, Azure, Netlify, Heroku, GitHub

- Full Stack React app, with protected routes so only authorized users can create, update, or delete questions
- Designed and developed with clean code, simplicity, and ease of use in mind
- Built on RESTful API architecture, implements JSON Web Token authentication and full CRUD

**art critic.** | Python, JavaScript, PostgreSQL, JSX, React, API, Tailwind CSS, Azure, Netlify, Heroku, GitHub

- An application built on the FLASK stack and a React front-end utilizing token-based authentication and full CRUD
- Built with a primary focus on responsive, attractive, and intuitive user interface
- A fun visually appealing application where users roast art sourced from the MET API

**Trouville** | React, MongoDB, Mongoose, JavaScript, HTML, CSS, API's, Tailwind, Azure, Netlify, Heroku, GitHub

- A full-stack web application using a decoupled MERN stack and token-based authentication featuring full CRUD
- Led a team using agile processes and issued tickets for a short, five-day development sprint
- Implemented GeoLocator API to dynamically update MapBox with new data points
- Integrated MapBox API for an interactive and intuitive user experience

**Magic: The Gathering Deck Builder** | Express, MongoDB, Mongoose, JavaScript, Node.JS, HTML, CSS, API, Heroku

- A coupled MEN stack application, equipped with full CRUD, utilizing an API and Google OAuth
- Implemented a search function based off of several different changeable parameters
- Gained experience using EJS to manipulate the page rendering

**Wordle 2** | JavaScript, HTML, CSS, Bootstrap, GitHub

- A fully responsive web application optimized for mobile based on the viral game
  - Includes new and innovative features not available in the original application
  - Utilizes JavaScript to interact with the DOM, in the future I will re-factor with React or Angular
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## EDUCATION

**General Assembly** | Software Engineering Immersive

January - April 2022

- Intensive, twelve-week, 450+ hour program learning full-stack software engineering
- Focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies
- Developed a portfolio of individual and group projects

**Massachusetts College of Liberal Arts**

Bachelor of Science in Computer Science - Software Development, *magna cum laude* | Minor in Information Technology

2012 - 2017 | North Adams, MA

**University of Technology, Sydney** | Study Abroad

2014 | Sydney, Australia

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## EXPERIENCE

**Chickadee** | Lead Bartender && **Les Sablons** | Bartender && **Mezze** | Bartender  
2015 - 2022 | Boston, MA

- Created a best-in-class cocktail menu for a James Beard-nominated restaurant
- Optimized inventory, ordering, and workflow processes for maximum efficiency
- Compiled comprehensive internal documentation for proprietary infusions, syrups and cocktail specs
- Planned and led meetings regarding operations, expectations, and priorities behind the bar
- Implemented a new system for recording, updating, and maintaining par levels of inventory and infusions
- Oversaw the onboarding process of new hires and trainees
- A customer-facing sales position in a diverse, culture conscious, growing family owned business