MAXIMILLIAN MAY
Full-Stack Software Engineer
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SKILLS

FRONT-END | JavaScript, HTML, CSS, Java, C++, PHP, React, P5.js, Tailwind, Three.js, D3.js, Ruby

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

GENERAL | OSx, Windows, Linux, VSCode, Zsh, Bash, Anaconda, Git/GitHub, Object-Oriented Design(OOD), Markdown

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PROJECTS

Spelling-Bee | JavaScript, HTML, JSX, React, Tailwind CSS, Netlify, Heroku, GitHub
- Developed a challenging, fun to play, front-end application
- Designed a creative solution for a complex UI layout utilizing several node plugins

Jeopardee! | JavaScript, HTML, MongoDB, Mongoose, JSX, React, API, Tailwind CSS, Azure, Netlify, Heroku, GitHub
- Engineered a 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

Trouvaille | 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
- 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

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

EXPERIENCE

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

- Created a best-in-class cocktail menu for a James Beard-nominated restaurant
- Optimized inventory, ordering, and workflow processes for maximum efficiency during the pandemic, making it possible for a smaller team to get the same amount of work done
- 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
- Attained a loyal following of regulars in a customer-facing sales position in a diverse, culture conscious, growing family owned business