Mac May

Software Engineer | Full-Stack Developer

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Mac is searching for a new path in life as a software engineer. His philosophy is that thoughtful planning leads to reliable results. This solid foundation provides the groundwork for his creative innovation, and has served him well in his past as a coordinator for diverse teams. In first Congress and then Drexel University, he proved that grand ideas are best constructed with deliberate care. While at Drexel, he took advantage of the opportunity to pursue graduate courses in programming and computer science, and is ready now to start the next phase of his career. His ideal opportunity involves creating elegant, robust code in an environment which understands the value of authenticity.

Skills:

Languages
- HTML
- CSS
- JavaScript
- Ruby
- Python

Libraries
- React
- Mongoose

Frameworks
- Express
- Rails

Databases
- MongoDB
- Postgres

Projects:

clobber.netlify.app
Clobber is a React app which allows the user to play a simple board game at multiple difficulty levels. It uses an AirTable API to store and display a list of hi-scores.

nurseline.netlify.app
NurseLine is a social media app designed for the specific needs of nurses. It hosts a database in Heroku to track users and posts, and the UX is a React App.

whodunnit.surge.sh
WhoDunnit? is a simple game optimized for mobile designed to help pass time while waiting in line. Users interact with a React app for core functionality, and the game runs a Ruby on Rails backend server hosted on Heroku for the game's seed data, as well as allowing users to log in and save their game information. It uses a simple hash for data security and user authentication.

Selected Experience

General Assembly, Software Engineering Fellow, 9/20-12/20
Design and build responsive full-stack apps with CRUD functionality. HTML, CCS, React, JavaScript, and third-party API integration. Leader on team projects.

Drexel University, Office Manager, 7/16-7/20
Among other responsibilities, work as local IT. Troubleshoot issues and coordinate with remote technicians. Update infrastructure. Maintain local informational and audiovisual technologies. Maintain office website.

OfficeTeam, Temp Agent, 1/15-6/16
Clerical work and receptionist duties. Coordinate guest passes to national convention.

Congressional Office of Carolyn McCarthy, Staff Technical Assistant, 8/14-1/15
Among office support duties, provide local IT. Liaise with congressional IT. Advise on issues of technology and telecommunications. Informational security. Maintain office website and administrate email accounts.

FoxNews, Associate Camera Technician, 11/06-10/13 (Freelance since 4/04)
Camera work, field and studio. Video Editing. Digital Playback. Teleprompter. Intake.

Friends of Carolyn McCarthy, IT Consultant, 1/99-11/06
Database maintenance. Web development. Troubleshoot local IT issues. Assist with social media presence. Set-up and admin e-mail accounts. Liaise with web development sub-contractors. Additionally, years of volunteering since '94, including building her first website.

Education

General Assembly *(2020)* - Software Engineering Immersive. Completion certificate.
Drexel University *(2017-2020)* - Post-baccallaurate certificate in Computer Science
    Additional graduate courses include:
    Dependable Software Systems, Intro to AI, Programming Languages, Computer Networks
Quinnipiac University *(2000-2005)* BA in Mass Communications, minor in International Studies