MICHAEL J DONNELL

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https://github.com/mdons

OBJECTIVE

My objective is to apply and improve my problem-solving skills in a work environment. I want a career based on learning new skills and building new things!

EDUCATION

Austin Coding Academy, Austin, TX
- Full Stack Web Development

Relevant Coursework: *Intro to Web Development, JavaScript Language Basics, Back-End JavaScript, Front-End JavaScript*

Brown University, Providence, RI
- B.S. Neuroscience, May 2015, **Overall GPA:** 3.43/4.00

Relevant Coursework: *Introduction to Object-Oriented Programming and Computer Science, Introduction to Scientific Computing and Problem Solving, Cybersecurity and International Relations, Quantitative Methods in Psychology*

Deerfield Academy, Deerfield, MA
- **GPA:** 3.7/4.0 · **SAT I:** Math: 780, Reading: 730, Writing: 750 - **SAT II:** Biology 800, Physics 770, Math 2C 790
- **Honors:** inducted into the cum laude society one year early, Helen Childs Boyden Award for highest GPA in the sciences with greatest course difficulty, National Merit Scholarship Commendation- 99th percentile

EVENTS

- **Ask-A-Dev's Hack & App Showdown:** won 2nd place for Game of Thrones themed checkers app
- **Rocket Build Community Hackathon:** won 2nd place designing a mobile web app for CarePortal.org

PROJECTS

- **Vehicle Database:** A CRUD web app for persistent storage of vehicle information utilizing the MERN stack
https://github.com/mdons/advanced-checkpoint2-alt
- **Flix:** A web app which utilized React, Redux, and Axios to get and display movie info from themoviedb.org
https://github.com/mdons/aca-flix
- **Hacker News:** A web app which utilized React, reactstrap, and fetch to display, filter, and sort Hacker News content in a modern, Reddit-like UI
https://github.com/mdons/checkpoint3-hackernews
- **Towers of Hanoi:** A drag and drop videogame played in browser using React
https://github.com/mdons/react-towers-of-hanoi
- **Sketchy:** A java-based Microsoft Paint clone which implements drawing, resizing, translation, rotation, and undo/redo functionality
https://github.com/mdons/Sketchy
- **Tetris:** A java-based Tetris clone applet
https://github.com/mdons/Tetris

SKILLS AND INTERESTS

- **Programming:** React, Redux, MongoDB, Express, Node, Mocha, Jest, JavaScript ES6, HTML5, CSS3, jQuery, Bootstrap, Java, C
- **Software:** Git, Visual Studio Code, Chrome DevTools, Postman, Heroku, Linux, Microsoft Office, MATLAB
- **Interests:** skiing, rugby, biking, movies, current events

WORK EXPERIENCE

Austin / Travis County EMS, *Communications Medic*   Austin, TX · April 2019-current
- Triage 911 calls
- Manage callers in crisis
- Provide medical direction