

Ashleigh Adams

Full Stack Web Developer - www.ashleigh-adams.com

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TECHNICAL SKILLS

<ul style="list-style-type: none">• HTML5• MongoDB• Ruby on Rails	<ul style="list-style-type: none">• CSS3• ExpressJS• React.js• Arduino	<ul style="list-style-type: none">• Javascript• Angular.js• C• Bower	<ul style="list-style-type: none">• jQuery• Node.js• Git / Github	<ul style="list-style-type: none">• PostgreSQL• MySQL• EJS• Heroku
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EXPERIENCE

Freelancer, Web Development

April 2016 - Current

Wedding Website

- Designed and developed a fully responsive mobile first static website for a couple's wedding using HTML5/CSS3/jQuery
- Used a customized version of Google Maps Javascript API

Womens Group Website

- Designed and developed a fully responsive mobile first static website for a women's group using HTML5/CSS3/jQuery

Personal Projects, Web Development

April 2016 - Current

MedTrakr

- Developed a MEAN Stack web app utilizing Bower to handle front end packages
- Implemented both local Authentication and Facebook Authentication through PassportJS
- Designed Form Validation for signup/login
- Created a timing function for medication to record and calculate when the next dosage should be taken and how long till the user will be out of meds

FlightBot

- A slackbot Integration with Node.js utilizing a slash-command and four user parameters
- Formats user parameters for XMLHttpRequest post request to the Expedia Flight API
- Implemented sorting algorithm to sort by Time Epoch Seconds
- Incorporated a fast duplicate filtering algorithm through hash table
- Runs a backbone query on airport-codes module to find IATA for user input cities

Hardware/Firmware

- Designed and developed a functioning prototype using Teensy 3.2 development board
- Connected an Adafruit Nokia 5110 LCD Display and implemented the Adafruit library
- Refactored Adafruit I2c library for functionality with the Teensy 3.2
- Created a functioning sensor using the magnetometer MPU9250 + accelerometer/gyroscope MS5637
- Developed fluid test environment for sensor data
- Calibrated MPU9250 + MS5637
- Implemented and refactored Arduino firmware

General Assembly, New York, NY, Web Development Immersive

January 2016 - April 2016

Enigmatic

- Developed a full-stack MVC private messaging web application with Node.js using ExpressJS
- Implemented user authentication with PassportJS and Facebook OAuth
- Designed complete RESTful routes with full CRUD functionality
- Initiated private messaging using Socket.io for live chat while allowing for offline messaging

- Utilized Mongoose to create a database table structure that interacts with relationally stored data for multiple models
- Used third party APIs
- Encrypted messages on backend using Crypto and the AES256 encryption algorithm

Space

- Developed a single page MEAN stack web application with persistent data
- Created a fully responsive animated 3D model of the Solar System with only CSS3
- Worked in a simulated team project environment
- Managed team contributions by establishing version control for Github Workflow

EDUCATION

Private Studies and Performance

2011 - 2015

Prof. Norma Sharp at Hanns Eisler Hochschule fur Musik, Berlin, Germany

Matthew Toogood, Komische Oper, Berlin, Germany

2013 – 2015

VI. Internationale Gesangsakademie, Hessen, Germany

2014

German Language School – GLS, Berlin, Germany

2009 -2012

University of Minnesota – Twin Cities

2013

School of Music – Bachelors of Arts – Vocal Performance – German Studies – Music Theory