

# WAYLAN HEDINE

Cell: (320) 290-9757

Email: [waylan.hedine@gmail.com](mailto:waylan.hedine@gmail.com)

Portfolio: <https://waymans.github.io>

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## SELECTED PROJECTS

### Anon. Message Board

- Developed the server using the Node web framework Express for a flexible web application.
- Implemented Mongoose, giving a straight-forward, schema-based solution to model data.
- Used the database-as-a-service mLab, for MongoDB, for a seamless provision of a cloud DB.
- Performed function testing with Mocha and Chai for automated behavior checks.
- Secured the app with Helmet's middleware functions to set a multitude of HTTP headers.
- Encrypted passwords against attacks for the clients using bcrypt's hashing algorithm.
- Designed a UI that paired well with CRUD operations to enhance the user experience.

### Instant Messaging App

- Created the application with Node.js for an easy-to-use, scalable JavaScript runtime.
- Used PostgreSQL—through AWS—for a relational database to handle user data effortlessly.
- Socket.IO server implementation enabling real-time, event-based communication.
- Managed authentication for users to access the app securely without the credentials.

### Issue Tracker

- Employed features to create, update and close unique issue tickets assigned to users.
- Carried out previous features for use across multiple projects and enforced security.
- Designed a mobile-first responsive web layout with Bootstrap 4, for an active use anywhere.

### Cryptocurrency App

- Assembled components in React Native and its libraries making an attractive mobile build.
- Engineered a Fetch API to provide an interface for fetching cryptocurrency resources.
- Organized the layout and navigation to build an app for a clean user interface and experience.

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## WORK EXPERIENCE

### FREELANCE WEB DEVELOPER : Advance O & P - Alexandria, MN, 2019-Present

- Redesigning website to replace the old for a cleaner, more responsive user experience.
- Planning transfer from a frustrating content management system to a client friendly one.
- Offering one-on-one service, quality digital marketing and customizable web content.
- Communicating ideas for new features such as a dynamic newsreel, product showcase, etc.

### LINE CLEARANCE TRIMMER : Wright Tree Service - Cripple Creek, CO, 2017-2018

- Solved tasks given by administration and handled clientele desires appropriately.
- Maintained expensive machinery and adhered to safety protocols following ANSI code.

### CONVENTION SUPERVISOR : Arrowwood Resort - Alexandria, MN, 2010-2016

- Prepared rooms for a variety of crowds to welcome and accommodate their wishes.
- Set up A/V equipment and solved I.T. needs related to personal and company devices.

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## TECHNOLOGIES

JavaScript, React, React Native, D3, Node, NoSQL, SQL

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## EDUCATION

**BACHELORS (2017):** Mathematics

University of Minnesota - Twin Cities, MN

**ASSOCIATES (2014):** Generals

Alexandria Technical & Community College, MN