

# Andrew Mason

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<https://bit.ly/andrewmason-linkedln> | <https://bit.ly/andrewmason-github> | <https://bit.ly/portfolio-atm>

Web Developer / Software Engineer with a background in Management Consulting. Looking to leverage my development skills to provide web applications that support business initiatives. Earned a certificate in web development from UC Berkeley.

Management consulting experience has led to high proficiency working with large, cross-functional teams to create dynamic and lasting business solutions. Recognized as a results-driven, resourceful, collaborative, and persistent problem-solver. Excellent communicator with effective relationship-building skills. Possess a strong technical acumen, along with a tenacity and desire to learn, grow and achieve in any endeavor, adding value to any organization or community.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6), HTML5, Cascading Style Sheets (CSS), JSX

**Frontend Technologies:** Bootstrap, jQuery, Moment.js, Handlebars.js, JWT JavaScript Web Token, React, React Hooks, Webpack, Progressive Web Apps (PWA), Context API

**Backend Technologies:** Web API, Server-Side API, Third Party API, IndexedDB, AJAX, Fetch, Node.js, Express.js, Rest API, Heroku, Express sessions, Bcrypt, Relational Databases, MySQL, Sequelize ORM, Non-Relational Databases, MongoDB, Mongoose ODM, Object Oriented Programming (OOP), Apollo GraphQL

**Other:** Problem Solving, Pseudocode, Command Line Interface, Developer Tools (Elements, Console, Network, Sources, Application, etc...), Insomnia, Postman, JSON, Git, GitHub, Imperative Programming, Declarative Programming, Test Driven Development (TDD), Jest Unit Testing, Data Structures, Algorithms, MERN Stack

## PROJECTS

**Hungry Sharks** | <https://bit.ly/hungrysharksrepo> | <https://bit.ly/hungrysharksgame>

- Hungry sharks is a fun, online 2-player card game made with React and Socket.io. You can login/sign-up to play games with your friends and keep a track of your game statistics
- **Technologies Used:** React, JavaScript, JSX, Tailwind CSS, Apexcharts, MongoDB, Mongoose ODM, Express.js, JWT, Bcrypt, Websockets, Socket.io, Cors, Fetch

**Bookend** | <https://bit.ly/repo-bookend> | <https://bit.ly/deployed-bookend>

- A full stack application following the model-view-controller paradigm that allows readers to create an account and join a community of others in finding new books, viewing public book clubs, or creating private book clubs.
- **Technologies Used:** JavaScript, CSS, Handlebars, MySQL, Sequelize, Connect-session-sequelize, Node.js, Express.js, Express-handlebars, Express-session, Dotenv, Bcrypt, Markdown.js, Heroku

**Tech Blog App** | <https://bit.ly/repo-techblog> | <https://bit.ly/deployed-techblog>

- A full stack application using the model-view-controller paradigm. This application is deployed on Heroku.
- **Technologies Used:** JavaScript, CSS, Handlebars, MySQL, Sequelize, Connect-session-sequelize, Node.js, Express.js, Express-handlebars, Express-session, Dotenv, Bcrypt, Heroku

## EXPERIENCE

### Full Stack Web Development Tutor

Jul 2022 - Jan Present

2U

2U works with top-tier partners to offer high-quality online education and services that span free courses to degree programs. Our mission-driven, student-focused culture drives us to help partners thrive in the digital age.

- Provide academic support for multiple software engineering students in 2U, inc Full Stack Coding Bootcamps
- Successfully guide and teach software engineering students in various technologies, methods and techniques
- Prepare and stay up to date with curriculum expectations according to the learning objectives of the program
- Support students' mastery of learning objectives in an effective and engaging manner during the session(s)
- Articulate clear verbal and written responses according to students' needs.

### Vice President of Operations

May 2020 - Jan 2022

Honest Cannabis, Las Vegas, NV

Full-service consulting firm with expertise in operations, compliance, taxation, and financial reporting for multiple clients in California, Nevada, & Sovereign Tribal Land

- Managed all aspects of new business developments from inception to opening while exceeding goals
- Collaborated with clients and partners to design and implement custom-tailored business solutions that made an immediate impact in efficiency and profitability
- Designed and implemented software systems for daily tracking of key performance indicators, increasing efficiency and expanding visibility for stakeholders
- Provided actionable, data-driven insights for all business units & departments to inform key business decisions
- Prepared monthly, quarterly, and annual financial statements and documents to provide performance metrics for stakeholders
- Developed budgets that laid the groundwork for successful projects
- Oversaw project / critical path management for new developments, creating highly organized team processes
- Maintained monthly banking compliance tracking and reporting to adhere with strict banking regulations

### Director of Financial Planning and Analysis

Aug 2018 - Mar 2020

Blau & Associates, Las Vegas, NV

Boutique Consulting, Planning & Development firm that specializes in strategy assessment, concept development and project management for a wide range of clients in the hospitality industry.

- Drafted new business proposals that led to increased revenue
- Produced financial pro forma documents for client businesses to increase performance visibility for stakeholders
- Tracked budgets for construction / development projects while achieving results on schedule and under-budget
- Forecasted internal revenue, providing critical insights for ownership group
- Collaborated in numerous restaurants, hotels, and other development projects, including the \$750m Parq Vancouver development
- Assisted in development of all conceptual briefs, strategic assessments, and other key client deliverables to fulfill contractual obligations

## **Senior Analyst**

Aug 2016 - Aug 2018

Blau & Associates, Las Vegas, NV

Boutique Consulting, Planning & Development firm that specializes in strategy assessment, concept development and project management for a wide range of clients in the hospitality industry.

- Provided support through detailed, data-driven analytics to the consulting team that led to informed business decisions
- Performed P/L & budget reviews that provided in-depth analysis
- Oversaw project management with a high-level of organization and efficiency
- Coordinated team logistics

## **EDUCATION**

### **Certificate - Full-Stack Web Development**

Mar 2022 - Jun 2022

*University of California, Berkeley, Berkeley, CA*

### **Bachelor of Science (B.S.) - Hospitality & Tourism Management**

Jan 2014 - Aug 2016

*San Francisco State University, San Francisco, CA*