Proficient in:

JavaScript, MongoDB, Express.js, Angular.js, Node.js, Mongoose.js, Git, CSS3, HTML5, jQuery

Knowledgeable regarding:

Responsive Design, Build Tools, Mocha, Chai, Test-Driven Development

Some experience with:

Chrome Extensions, Web-Audio, D3, SQL, MIDI, Java, C++

Cohearence <u>cohearence.io</u>

- A Chrome extension that automatically detects and scrobbles music from YouTube, Soundcloud, Spotify and Bandcamp.
- Users can play the music back from a custom source-agnostic media player in the popup or on the app.
- Data binding through Angular.js, storage through MongoDB, song matching through the Echo Nest and YouTube Search APIs, and playback using the Chrome extension and the YouTube IFrame Player API.

I Don't Care Just Give Me Things

idcjgmt.seanj.ninja

- An e-commerce site built in the MEAN Stack where users can create and design their own storefronts.
- Sockets, Node event emitters, and Angular event emitters were used to implement a feature by which every 10 seconds, a new random in item in the store goes on sale for 100% off, but the user must find it.

Spheresspheres.xyz

- A web-based educational musical memory game, similar to Simon, in which players repeat increasingly-complicated note patterns in order to build constellations in the sky.
- Graphics made with SVG and CSS Animations, sound design with the Web-Audio API
- Winner of Best Design Award at Fullstack Hackathon

Fullstack Academy, New York, NY

2015

• 13-week immersive program focusing on MEAN stack web development



Brown University, Providence, RI, BA, Economics

2009-2013

- GPA: 3.9/4.0
- Relevant Coursework: Introduction to Object-Oriented Programming, Statistics I
- Member, Omicron Delta Epsilon, International Honor Society in Economics

The Northstar Group, Inc Investment Research Associate

2014-2015

- Worked directly with the co-presidents of the firm providing support, researching potential investments, and reviewing client asset allocation, contributing to \$30M in revenue growth for 2014.
- Created projections for current and potential clients based on their income, expenses, and retirement goals, contributing to a client retention rate of 97% for 2014.
- Designed, implemented, and maintained the firm's first website.

The Wharton School Real Estate Research Assistant

2013

- Oversaw a team of 5 undergraduate assistants performing research projects of varying scales.
- Prepared deliverables and presentations for local the Energy Efficient Buildings Hub of Philadelphia.
- Reviewed and edited the working papers of Susan Wachter, Richard B. Worley Professor of Financial Management and Professor of Real Estate and Finance.