

Technical Skills

Proficient: JavaScript (ES6), Node.js, Express, React, Redux, Sequelize, PostgreSQL, Git, AJAX, JQuery, Mocha/Chai, HTML5, CSS3, Babel, Webpack

Knowledgeable: React VR, Three.js, Web Audio API, React Native, Google Maps Directions API

Some Experience: Heroku

Technical Projects

AM Ready - github.com/howardjian/AmReady_XCode

Technologies: React, Redux, React Native, Google Maps Directions API, Google Maps Autocomplete API

- A commute-sensitive, mobile alarm app that adjusts the alarm's time based on the user's public transit commute
- Pair-programmed with team members to implement both Google Directions API and React Native background timer, allowing the application to perform asynchronous operations while the application is in the background
- Created the saving, editing and loading alarm functionality using the phone's local storage

Audio Visualization - audiovisualization.herokuapp.com

Technologies: Three.js, Web Audio API, Express.js

- A 3D audio visualizer that pulses 3D objects to the frequency of the song played
- Used Web Audio API to asynchronously process and analyze streams of audio bytes to output frequency streams
- Constructed 3D objects from hundreds of smaller objects that pulse to the frequency of the music streams emitted

GraceRocker - gracerocker.herokuapp.com

Technologies: React, Redux, PostgreSQL, Passport, Bluebird, Chai, Mocha, Enzyme, HTML5, CSS3

- A fully functional e-commerce store that sells and manages inventory of precious stones
- Implemented complex backend route validations for customer cart checkouts
- Designed and developed features in vertical (full stack) slices, including the products listing and order history pages

Technical Talk - youtube.com/watch?v=PnYhS4Ygs3s

- 10 minute presentation on React VR, a new JavaScript library for virtual reality using the React framework

Professional Experience

Barclays Investment Bank

Analyst IV

New York, NY

Apr 2016 – Mar 2017

- Analyzed month-end risk variances to identify the root causes and communicate corrective measures to managers

Bloomberg L.P.

Fixed Income Specialist

Princeton, NJ

Apr 2015 – Apr 2016

- Project manager for fixed income department, working with developers to build and test new functionality
- Used OpenRefine to clean and transform large, messy data sets into more meaningful and useable data

Fixed Income Analyst

Jul 2013 – Apr 2015

- Served as interim manager for 15 months, assisting with team management, training and client escalations

Education, Honors & Interests

FullStack Academy of Code, New York, NY

Mar 2017 – Jul 2017

Selective 17-week, 1000+ hour full-stack JavaScript web development bootcamp teaching the NERDS JavaScript stack

Rutgers University – Rutgers Business School, Piscataway, NJ

Sep 2009 – May 2013

Bachelor of Science in Finance, Minor in Economics

Honors: Graduated *cum laude*, Dean's List 2009-2012

Interests: Hip-hop dancing (choreography), hiking, Spartan races