ALEXA MARSHALL

617.990.2988 · alexa.catherine.marshall@gmail.com

New York, NY · LINKEDIN | GITHUB

SKILLS

Languages/Frameworks: JavaScript (ES6+), HTML5, CSS3, Node, Express, React, Redux, ¡Query, Ruby

Databases & ORMs: MongoDB, Mongoose, MySQL, Postgres

Deployment: AWS EC2, Docker, mLab

Development Tools: Babel, Git, npm, Webpack

Basic Software: Adobe Photoshop, Illustrator, InDesign, Premiere, & Dreamweaver, Raiser's

Spoken Languages: French & Spanish

EDUCATION

Hack Reactor Software Engineering Immersive (2018 - 2019)

Oberlin College (2011 - 2015) B.A. - Art History

OTHER PROJECTS

Vintage Game Suite:

Developed and gifted game suite with custom modifications per client direction - 2019

Nancy Lorenz - Elements Catalog: Online Exhibition Catalog, published to Issu.com - 2016

Integrated Media Coursework Website: Conceptual HTML/CSS piece for undergraduate course with Julia Christensen - 2015

SOFTWARE APPLICATIONS

Reviews Module Clone

Inherited & optimized codebase service to integrate with scaled database

- Implemented server-side rendering, resulting in a 66% increase in performance with first contentful paint clocking 0.9 seconds
- Tested and compared performances of multiple databases
 & database management systems in storing tens of millions
 of records, optimizing query efficiency through indexing

Photo Carousel Module Clone

Built custom photo carousel module, modeled on Airbnb's

- Constructed using React & styled involved components from scratch with CSS
- Ø Deployed application on AWS EC2 instance, integrating others' services through a custom proxy server
- Stored relevant data for hundreds of images using Mongoose & MongoDB

PROFESSIONAL EXPERIENCE

Software Engineering Immersive Resident Hack Reactor

2019

- Taught & guided students in debugging code on request
- Conducted one on one office hours where students could request one hour of help on any subject
- Administered Technical Interviews to assess candidates JavaScript skill level
- Ø Created internal tool to optimize administrative task
- Monitored accepted students' completion of prep materials and conducted final check in interviews
- Ø Held whiteboarding practice sessions for senior students

Education Programs Coordinator Institute of Classical Architecture & Art (ICAA)

2016 - 2018

- Maintained detailed records on everything from financial data to American Institute of Architects Continuing Education credits with Raiser's Edge & internal databases
- Ø Updated education content using HTML on the ICAA website including authoring and editing articles
- Worked with the marketing staff designing visual marketing materials, and coordinating mass mailings & social media
- Supervised International Tours & University Workshops