

Andrew Vitovitch

t: 908 399 9944

e: alvitovitch@gmail.com

New York, NY

[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

Skills

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Three.js, Canvas, P5

Projects

Down and Dandy

[live site](#) | [github](#)

HTML5, Three.js, JavaScript (ES6), CSS3, Webpack, Blender

A point-and-click 3D mystery game where you travel around the city to discover who is sabotaging your haberdashery

- Built an interactive Three.js environment populated with environmental assets modeled and textured in Blender
- Implemented Three.js character animations in conjunction with a pathfinding algorithm to provide characters with realistic movement patterns
- Developed a reactive fast-travel system that expands the playable area based on discovered clues

Order

[live site](#) | [github](#)

JavaScript, React / Redux, Ruby on Rails, PostgreSQL, CSS3, Heroku, Webpack, Action Cable, Redis

A clone of Discord, a community live-chat application

- Leveraged Rails' Action Cable and Redis to manage web-socket connections for live chat
- Incorporated persistent data storage via PostgreSQL for server management, chat logs, and member relationships

Pictophone

[live site](#) | [github](#)

MongoDB, Express.js, React/Redux, Node.js, CSS3, AWS, Heroku, Webpack, Socket.io

Pictionary meets Telephone in this anachronistically styled multiplayer game

- Utilized Socket.io to manage socket connections for live chat, group drawings, and asset management
- Merged MongoDB with Socket.io to coordinate asset storage and retrieval between players

Experience

Server/Runner | May 2019 - October 2021

Nitehawk Prospect Park

- Led training of new hires in MobileBytes point-of-sales software, client retention, and relationship management
- Used time-management skills to plan table-service, resulting in high levels of customer satisfaction and average tips of 23%

Extracurricular Sponsor | October 2020 - February 2019

Methacton School District

- Created blocking, coordinated rehearsals, and ran recording sessions for multiple productions
- Refined audio and video recordings, created VFX using Adobe suite, and built virtual environments in post-production

Education

App Academy | Spring 2019 | New York, NY

Immersive 1,000 hour software development course with focus on full stack web development

State University of New York at Fredonia | Winter 2019 | Fredonia, NY

BA of Theater Arts, BS of Exercise Science