

## Experience

---

### **Infinity Lumber - Brooklyn, New York**

#### **Software Engineer Consultant**

**June 2022 - December 2022**

- Built MVP website using React, JavaScript, and CSS to improve the presence and accessibility of the company webpage
- Integrated Firebase to enable remote inventory management and user authentication
- Optimized SEO for live site by updating tags, metadata, and keywords, improving Google results by multiple pages

### **Secint Corp - Delray Beach, Florida**

#### **Software Engineer Consultant**

**June 2020 - August 2020**

- Designed and developed the company website using React, creating a visually appealing showcase of the company's services
- Worked with Product Owner to define project scope and ensure on-time and accurate delivery
- Designed company logo, business cards, and merchandise using Adobe Photoshop to increase visual style and brand recognition

## Projects

---

### **Game of Twenty Squares**

#### **Web Game**

- Designed and developed a board game using React and Firebase with local multiplayer or singleplayer vs AI
- Created flexible decoupled state management using UseReducer and useContext hooks
- Built an AI that scores and ranks possible moves to automatically play against human players
- Implemented custom React hooks for persisting state in local browser storage
- Designed responsive UI using flexbox and CSS grid to support multiple device types (desktop, tablet, phone, etc.)

### **Deck Builder**

#### **Trading Card Database and Web App**

- Designed an intuitive accessible UX using CSS Grid, Flexbox, and Bootstrap, to create a simple and functional layout
- Leveraged asynchronous API calls using a custom hook to load images in the background to increase responsiveness
- Implemented efficient sorting algorithms to organize cards quickly with minimal performance impact

### **Grocery.me**

#### **Grocery E-commerce Site**

- Single page web app using React and Firebase Implemented user favorites and preferences stored locally and/or behind Firebase Authentication
- Automated welcome and order confirmation emails via Firebase database triggers to increase user retention
- Developed features including search, product categories, favorites, checkout, and persistent sessions in iterative scrum sprint cycles

## Education

---

### **B.S. Computer Programming and Information Systems**

#### **Farmingdale State College at Farmingdale, NY**

Concentration in Web Development and a minor in Sociology

## Skills

---

**Languages:** Javascript, Typescript, Python, React, Redux, HTML, JSX, CSS, SQL, C#, Java

**Frontend:** React Components, React Hooks, React Router, Styled Components, Bootstrap, Storybook, Webpack

**Backend:** RESTful routing, Express.js, Firebase, Node.js

**Apps:** GitHub, VS Code, VIM, Linux, Postman, Adobe Photoshop