

# ELLEN PARK

# SOFTWARE ENGINEER

[Linkedin](#)[Github](#)[Portfolio](#)

Pennsylvania

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## LANGUAGES & SKILLS

**Frontend:** JavaScript | React / Redux | HTML5 | CSS3 | Pug.js**Backend:** SQL | Python | Flask | Sequelize | Node.js**Frameworks/Tools:** Docker | AWS | Git | Express.js**Other:** Heroku | Web Scraping

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## TECHNICAL EXPERIENCE & PROJECTS

**Programmerr** (React, Redux, SQLAlchemy, Flask, AWS S3, Web Scraping)[Live Site](#) | [Github](#)*A pixel-perfect clone of Fiverr for programming services.*

- Applied **React states** and **conditional CSS** properties to portray movements and/or changes during state changes to create a feel of a **dynamic UI** and a **smooth** user experience.
- Designed a **robust Python / Flask backend** that allowed for complex **API** routes to add and update multiple tables at once, allowing users' form information to be saved across multiple pages.
- Created multiple full **CRUD** operations to be able to add, edit, and delete a user's own information along with services.
- Incorporated **web scraping** to seed real data from *Fiverr*, leveraging **Excel** to parse through the data and accurately mimic the cloned app.

**Chaos-Robinhood** (React, Redux, SQLAlchemy, Python / Flask, Docker)[Live Site](#) | [Github](#)*A Robinhood clone, for buying and selling stock while tracking real-time price changes.*

- Generated organized, real-time stock data using **IEDCloud API**. With the stock data being called by their **API endpoints**, the **JSON response** sent back is rendered on the user's stock or portfolio page.
- Implemented a **custom search** feature using **Redux**, allowing new data/stocks to be searched and added to the database through the **IEDCloud API** if the data wasn't already in the original seeder data.
- Created **conditional checks** in the front end during purchasing, selling, and displaying of stock data to render specific user data through **React** and **Redux**.
- Collaborated with a team of 4, utilizing **Github's** workflow to scope, manage, and work on multiple features while adhering to a strict delivery timeline.

**Luminno** (React, Redux, PostgreSQL, Node.js, Express, Sequelize)[Live Site](#) | [Github](#)*An Etsy-inspired clone, an e-commerce platform to buy and sell goods.*

- Combined capabilities of **React**, **Redux**, and **Node.js** to **dynamically** render information **asynchronously**, improving **UI / UX**.
- Secured user information through authentication, utilizing **Auth Routes** and **Bcrypt** for **hashed passwords** allowing users to have access to data based on roles and permissions.

**GGPlays** (React, Redux, PostgreSQL, Node.js, Express, Sequelize)[Live Site](#) | [Github](#)*A goodreads inspired clone on game reviews.*

- Utilized **Asynchronous Javascript and AJAX** to be able to dynamically add / delete games to game shelves without refreshing the page.
- Incorporated **custom error handling** and **validations** using **Sequelize ORM** to let the user know if they've put in a bad input.

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## EDUCATION

**App Academy** - Full Stack Software Development**Grad Summer 2021**

Rigorous, 1000+ hours program with < 3% acceptance rate including coursework, such as: OOP (Object Oriented Programming), TDD (Test-Driven Development), Agile / SCRUM Methodologies, Data Structures, Algorithms, Systems Design & Architecture.

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## ADDITIONAL EXPERIENCE

**Assistant Manager** - Sarah Laser Center & MedSpa**Jan 2018 - March 2020**

- Advised and directed several workplace changes to **facilitate** a transformation from pen and paper to a modern, technical approach by **streamlining** the **receiving, storing, and accessing of data** to save time and office space.
  - Initiated offering new, add-on services and complimentary branded product packages, increasing exposure to products, improving the quality of the experience, and **increasing the expectancy rate** of them returning.
  - Redesigned and remodeled the workplace to encourage increased customer satisfaction with an **improved user experience**.
  - **Implemented new technology** to replace the paper process by curating digitized consent forms to be filled out before arrival to the office and installing a Kiosk for check in, **saving time for both employees and new clients**.
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