ALLEN PHAM
SOFTWARE DEVELOPER

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SKILLS

Languages: Javascript, Python, SQL, HTML, CSS
Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgresQL, Heroku, Render
Key Skills: Pair Programming, Test-Driven Development(TDD), Object-Oriented Programming(OOP), Scrum Methodologies

PROJECTS

EarthBnB (Javascript, React, Redux, Express, Postgres, HTML5, and CSS3)   **Live Site |Github**
A fullstack single-page AirBnB clone where users can create spots, add images, and leave reviews on their favorite spots.
- Implemented full **CRUD** functionality within an application using **Redux** and **React.js** to **create, retrieve, update**, and **delete** data dynamically
- Integrated user authentication and **Bcrypt.js** for secure password hashing and a safe and protected user experience
- Managed and stored data through **Express.js** and **SQL** to ease the data flow of queries from user interaction

Zonar (Javascript, React, Redux, Python, Flask, Postgres, HTML5, and CSS3)   **Live Site | Github**
A fullstack single-page Discord clone where users can create servers, add and update text channels, and message within channels and direct messages.
- Collaboratively developed and coded application components in an **Agile** environment
- Utilized **pair programming** approach to ensure high quality code
- Collaborated with a group of three engineers to practice efficient **git** and **pull request** workflow
- Developed live-chat using **WebSocket** through **socket.io** by enabling real-time bi-directional communication between web clients and servers

ClawDragon Food (Javascript, React, Redux, Python, Flask, Postgres, HTML5, and CSS3)   **Live Site | Github**
A fullstack single-page SnapDragon Food clone where users can view products, add products to a cart, and leave reviews for their favorite products.
- Developed an **intuitive User Interface** with high usability by utilizing **React**, **CSS** and **HTML** to ensure seamless front-end visibility
- Leveraged **Local Storage** and **React** to create a smooth and intuitive product cart feature
- Configured **React** and **Redux** to scale frontend state management for a dynamic user experience
- Prevented unauthorized users and invalid data by incorporating custom **Flask** validators and backend authorization routes

EXPERIENCE

Elevate Dance Center, *Team Director/Instructor* McKinney, TX   August 2018-July 2022
- Designed, developed, and implemented a movement program for up to 100 students, offering participants opportunities to develop an interest and mastery of the hip hop art form
- Supported up to 150 students physically, mentally, and emotionally to allow for an inclusive and focused classroom environment for all skill levels and ages ranging from 6 years and above
- Organized and lead dance classes for children and adults aged 6 to 50 and maintained a 90% student return rate

Footlights Dance Studio, *Team Director/Instructor*   Flower Mound, TX   August 2016-July 2022
- Led three individual performance teams composed of 10+ students while fostering a faith based environment to encourage faith through the art form
- Designed 50+ routines for individuals, studio showcases, and state and local competitions
- Assisted in creating a dance curriculum and prepared lesson plans to support the studio's vision and mission

EDUCATION

App Academy - Full Stack Software Engineering   New York, NY
- Immersive full stack web development program applying Javascript, Python, Agile Development / SCRUM, OOP (Object Oriented Programming), Data Structures, Algorithms, TDD (Test-Driven Development)   December 2022

Texas A&M University - Bachelor of Science in Mechanical Engineering   College Station, TX
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