

# TRISTON PALACIOS

Software Engineer & Artist

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## SKILLS

**LANGUAGES** (JAVASCRIPT, PYTHON, SWIFT) **DATABASES** (POSTGRES, MONGODB, REALM) **DEV TOOLS** (GIT, GITHUB, BASH, LINUX) **WEB FRAMEWORKS** (EXPRESS.JS, NODE.JS) **FRONTEND** (REACT, NEXT, BOOTSTRAP) **ORMs** (SEQUELIZE, MONGOOSE)

## PROJECT SHOWCASE

- **Virtual Marvel Encyclopedia (Node.js):** [Deployed Site](#) - [GitHub](#)
  - Utilized **Marvel's official API using Node.js and PostgreSQL** to create a virtual hero encyclopedia.
  - Implemented custom user auth and encryption API
  - Designed RESTful SQL backend to facilitate relationships between users, user comments, and favorited heroes.
- **Party People App (MERN):** [Deployed Site](#) - [GitHub](#)
  - Created Party Sharing social network using MongoDB, Express, React, and Node.js.
  - Implemented MapBox API that dynamically displayed users' location and party location on the map.
  - Utilized JWT authentication system for dynamic visuals and secured routes.
  - Created Logo and Other custom art assets.
- **Petit Ami (Swift):** [GitHub](#)
  - Developed a native fully functional iOS game using **Swift** and XCode that allows users to have and take care of a virtual pet.
  - Utilized **Realm** Database and local iOS storage.
  - Laid the foundation for cloud database deployment in the future when the app launches on App Store.
  - Created over 30 custom assets including animations for game UI and other visuals.
  - Implemented complex logic to dynamically reflect pet care, needs, and evolutions.
- **Unlocking Communities' Learning Management System (MERN):** [GitHub](#)
  - Created as part of the 2022 72-hour International Aid Hackathon.
  - Fully functional **MERN** app developed per Unlocking Communities (Client Sponsor of Hackathon) specifications to help educate their team members in Haiti.
  - Developed using an 8-person **SCRUM** workflow to meet strict deadlines of the hackathon.

## RELEVANT EXPERIENCE

### General Assembly

Remote

#### Full-Stack Software Engineering Apprentice

January 2022 - April 2022

- 12 Week (60+ hours/week) course with a focus on software engineering, web development concepts, practical use cases, and industry best practices.
- Collaborated with peers to pitch, wireframe, and build products during coding sprints.
- Developed and deployed 5+ full-stack apps using web technologies and tools such as Javascript, Python, Node, React, Express, Next, PostgreSQL, and MongoDB.
- Used design and art background to create original art assets and animations for projects

### U-Haul International

Phoenix, Arizona

#### Program Director

July 2019 – January 2022

- Directed U-Haul's nationwide advertising program Patriot Truck Leasing.
- Grew the Patriot program by over 40% in the first year of leading the program.
- Promoted after a little over a year from my initial role as Account Manager in January 2021.
- Oversaw and guided Patriot's software development team in the recreation and maintenance of tools and websites.

### Peak Hydrate

Southwest Region, United States

#### Regional Director

June 2018 - July 2019

- Spearheaded the launch of a start-up sports beverage in the southwest region of the United States.
- Developed relationships with, negotiated with and established distribution with product distributors in California and Arizona.

## EDUCATION

GENERAL ASSEMBLY - SOFTWARE ENGINEERING IMMERSIVE

January 2022 - April 2022

ARIZONA STATE UNIVERSITY, TEMPE ARIZONA

2016-2019

BACHELOR OF SCIENCE, PLANNING