






# Peter Vila

## Full Stack Web Developer

 PeterVila  peterdvila  peterdvila@gmail.com  6268483055  Duarte, CA

### TECHNICAL SKILLS

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**Strong:** JavaScript (ES5/ES6), HTML5, CSS3, AJAX, Flexbox, HTTPie, Node.js, Express, React, PostgreSQL

**Experienced:** SASS, React Hooks, TypeScript, Bootstrap, Socket.io, Agile Methodology, UX/UI Design, OOP



**Tools:** Git, GitHub, VS Code, Figma, React Dev Tools, npm, Canva, Webpack, Babel, AWS, Heroku, Docker

### APPLICATIONS DEVELOPED

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**Social-Lite** GitHub  | Live 

- A full-stack **PERN** web application for friends to share memories and plan out events together
- Built reusable **React** components and used **hooks** to provide a uniform UI, implementing **UX** best practices
- Created **Fetch API** requests to custom **Express** server **RESTful API** endpoints using a **PostgreSQL** database
- Implemented **Socket.IO** with React class based components utilizing a **Node.js HTTP** and **Express** server to send and receive real-time messages to authenticated users using **JSON Web Tokens (JWT)**

**Who's That Pokemon?** GitHub  | Live 

- A dynamic **HTML5**, **CSS3**, and **JavaScript (ES6)** application for Pokémon enthusiasts to play an animated *timed* guessing game with storage saves and access to a functional Pokedex
- Applied **AJAX** by constructing quiz questions with sprites and data fetched from the **RESTful** Pokémon **API**
- Cached Pokémon sprites and answers through serializing and deserializing using **local storage** and **JSON**
- Executed **responsive front end design** for most device screens using **media-queries** and **Flexbox**

### PROFESSIONAL EXPERIENCE

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**Project Intern, UC Santa Barbara**

Jan 2020 – Jun 2020

- Utilized (Geographic Information System) GIS software for field report analysis along urban to exurban gradient sites within Santa Barbara county.
- Gained hands-on experience using spatial tools and methods for ArcGIS in a team led by a senior GIS analyst.

**SPD Technician Assistant, City of Hope**

Jun 2017 – Sep 2018

- Decontaminated, operationally checked, assembled, sterilized, and distributed reusable surgical/clinical instrumentation throughout the organization.
- Acquired sterile processing techniques through maintenance duties.

### EDUCATION

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**University of California, Santa Barbara** *Bachelors of Science, Physical Science*

**LearningFuze** *Accelerated Web Development Program*

- 800+ hours of programming (60+ hours/week) in a simulated working environment with experienced senior developers

### HOBBIES

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**Digital Art:** Drawing Tablet illustrations, Photography and Adobe Office Suite

**Sports:** Tennis, Golf and Ping Pong