

Preston Wallace

FULL STACK SOFTWARE ENGINEER

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TECHNICAL SKILLS

PROFICIENT: JavaScript, Node, Express, Sequelize, React, Redux, HTML5, CSS3, Git

KNOWLEDGEABLE: PostgreSQL, MySQL, SQL, PHP, Jasmine, SEO, SEM, SMM, WordPress, Photoshop

SOME FAMILIARITY: Jasmine, Mocha, Chai, Enzyme, Socket.io, C#, Unity, Angular

PROJECTS

TowAR Defense DEVELOPER | JAN 2019 | <https://github.com/bad-bots/towar-defense>

< Deployed > <https://play.google.com/store/apps/details?id=com.badbots.towardefense>

An Augmented Reality 2-player 3D game implementation of Tower Defense, built in Unity, with front-end logic written in C# and back-end written in node.js using socket.io and loki.js for multiplayer functionality.

The Bug Stops Here DEVELOPER | JAN 2019 | <https://github.com/TheBugStopsHere/DebugClub>

< Deployed > <http://the-bug-stops-here.herokuapp.com/>

A fully-functional e-commerce app with shopping cart. While there are ready-made solutions that have much more functionality, this app was hand-coded from scratch, using the NERP stack (Node, Express, React, PostgreSQL).

Dev-EQ SOLE DEVELOPER | JAN 2019 | <https://github.com/wallacepreston/deveq>

< Deployed > <https://deveq.herokuapp.com/>

Artificial Intelligence application that detects emotion in the user's face and educate the user based on this information.

EXPERIENCE

Assistant Manager – K.Jons Diamonds & Gems Atascadero, CA | Feb 2010 - Oct 2018

- Designed and Managed third (current) major version of company website: e-commerce, managing 1000+ jewelry items, with total inventory value of \$800K.
- Oversaw Migration from local-only database to continuous updates of Third Party server data via API from inventory in SQL database on local server.
- Managed network of 8 company PCs. Managed permissions. Resolved workstation issues, fax connection to server, Network printers and other devices.
- Assisted 3-person team in managing assets of \$1.5M.
- Developed interest and leads, making jewelry sales figures of up to \$25K per item.

Graphic Designer – K.Jons Diamonds & Gems Atascadero, CA | Feb 2008 - Feb 2010

- Transitioned website from static HTML to Dynamic WordPress site with blog, automatic database backups, and scheduled automatic deployment.
- Increased traffic to website by estimated 100% over 2 years (mostly local).
- Landed a webpage first-position worldwide in Google SERP listings for keywords.
- Managed \$50K marketing budget. Edited via Photoshop, Illustrator, and Flash.
- Created digital/print ads and approximately 10 billboards displayed on Hwy 101.

Web Design Consultant – Preston's Creations (Self-Employed) Atascadero, CA | 09/2008 - 07/2011

- Developed website plan, from Intake to Wire Frames. Designed using Photoshop.
- Sliced Photoshop file. Created and coded HTML/CSS files sitewide.
- Secured hosting and domain name for client. Uploaded via FTP and deployed.
- Tracked site traffic via Google Analytics and reported to client.

EDUCATION

Software Engineering Immersive – Fullstack Academy | San Luis Obispo, CA | Jun 2018 - Feb 2019

Bootcamp diving deep into Node, Express, React, and PostgreSQL. Studied closure, prototypal inheritance, and recursion

Associate in Arts, General Studies – Cuesta Community College | San Luis Obispo, CA | 2008 | 3.83 GPA w/ High Honors

LANGUAGES - English, French, Spanish

FUN FACT ABOUT ME - I enjoy playing Improvisational Piano.