Preston Wallace
FULL STACK SOFTWARE ENGINEER

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TECHNICAL SKILLS

PROFICIENT: JavaScript, Node, Express, Sequelize, Vue, React, Redux, HTML5, CSS3, Git
KNOWLEDGEABLE: PostgreSQL, MySQL, SQL, PHP, Jasmine, SEO, SEM, SMM, WordPress, Photoshop, Bootstrap
SOME FAMILIARITY: Jasmine, Mocha, Chai, Enzyme, Socket.io, C#, Unity, Angular, Sass, jQuery, Perl

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

Node Engineer – *Liquidity Services* Bethesda, MD (Remote) | Apr 2019 - Present
- Develop internal software solutions for warehouse management of large-scale dataset, with complex Schemas and logic.
- Leverage Node.js, Express.js, and MySQL to manage the back end. Vue.js on the front end.
- Communicate with DevOps and Business Managers to determine goals and develop timely, efficient solutions accordingly.
- Engineer solutions in a team, while working independently, planning and executing unique solutions.

Assistant Manager – *K.Jons Diamonds & Gems* Atascadero, CA | Feb 2010 - Oct 2018
- Designed and Managed major version of company e-commerce site, with 1000+ items, and total inventory value of $800K.
- Oversaw Migration from local database to continuous updates of Third Party data via API.
- Managed network of 8 PCs. Managed permissions. Resolved workstation issues, fax connection to server, Network 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.

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.

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.