Miguel Valdez

Local Address
2700 N Hayden St
Scottsdale, Arizona 85257

https://mvg35.github.io
mvg35@bu.edu

EDUCATION

B.A. Computer Science - Boston University, Boston, MA
Date of Graduation: December, 2018

EXPERIENCE

Applied Materials, Phoenix, AZ
Software Engineer   01/2019 - Present

Currently working at Applied Material developing internal tool software used in the semi-conductor industry. Focused on a high visibility web based application which is primarily used by customers to view multiple FAB manufacturing machines' Data and Analytics.

Josen Creative, El Paso, TX
Full Stack Developer   04/2018 - 02/2019

Co-founded a local digital creative agency where client's problems were addressesd through marketing and software development. Full Stack developer for various projects that includes web apps built with a MERN Stack, mobile applications written in React-Native, and various website built with Wordpress or plain HTML CSS JS.

Phidev Inc, El Paso, TX
Full Stack Developer   06/2016 - 12/2018

Full Stack development for digital creative agency with a number of clients and projects. Full Development of the web application built on LAMP stack. OOP PHP environment with hand built PHP framework and MySQL databases. Experience with different platforms as WordPress and Magento.

Active Perception Lab, Boston, MA
Undergraduate Research Assistant   08/2016 - 06/2017

Research integrated approaches from experimental and theoretical/computational neuroscience to explain the mechanisms underlying visual perception in humans and replicating similar processing strategies in artificial systems. Worked on the creation of experiments with C language and OpenGL for data collection from subjects.

SKILLS

Programming Experience - Javascript, Typescript, Python, PHP, Java, C++, C, Matlab, HTML, CSS
Technical - MERN Stack, LAMP Stack, React, React Native, Amazon Web Services, git, Postman, Node, Redux, jQuery, mySQL, MongoDB, kdb, Firebase, Wordpress, webGL, Three.js, aframe, UI Design, Agile Methods
Languages - English and Spanish