



Miguel VALDEZ

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## SUMMARY

A passionate Software Developer with 3+ years of experience designing, testing, and managing complex systems.

## EDUCATION

**BOSTON UNIVERSITY**

2014-2018

B.S IN COMPUTER SCIENCE

## EXPERIENCE

**APPLIED MATERIALS**

01/2019 - Present / Phoenix, AZ

SOFTWARE ENGINEER II

- Focused on a high visibility web based application which is primarily used by customers to view multiple FAB manufacturing machines' Data and analytics.
- Migrated our data analysis legacy tool to Angular 8 employing latest industry standards.

**PHIDEV**

06/2016-Present / Remote

SOFTWARE DEVELOPER

- Have worked with multiple creative agencies: [Phidev](#), [Aidan James](#), [Thrive](#), [PRDGL Creative](#), and personal freelancing projects.
- Full Stack developer for various projects that includes web apps built with LAMP, MERN and MEAN stacks. Mobile applications written in React-Native, and various website built with Wordpress, Magento or plain HTML CSS JS.
- Deploy and maintain DevOps lifecycles

**ACTIVE PERCEPTION LAB**

2018-2019 / Boston, MA

UNDERGRADUATE RESEARCH ASSISTANT

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

## SKILLS

**PROGRAMMING LANGUAGES** *Experienced:* Typescript | Python *Familiar:* PHP | C# | Bash | Java

**SOFTWARE DEVELOPMENT** Visual Studio | Command line | GIT | CLI | DevOps Lifecycles

**PARADIGMS & METHODOLOGIES** Clean code | Agile/SCRUM Development | Test-driven dev

**DATABASES** PostgreSQL | MySQL | MongoDB | Oracle

**FRAMEWORKS & LIBRARIES** Angular | React | React Native | Pandas | Highcharts | Materials

**MOBILE DEVELOPMENT** React Native | CocoaPods | Java

**LANGUAGES** Spanish | English