

# Erick Garcia

SOFTWARE DEVELOPER | UX DESIGNER

A passionate software developer with 3+ years of experience, I hope to work with a company that aligns with my values and interests as well as have a challenging and rewarding programming position. My main interests are UX (User design), Web Development, writing high quality easy to maintain code. My strongest asset by far is that I am an agile learner. If you want to learn more about the rest of my projects and my hobbies visit my website and extended resume!



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🌐 erick-garcia.com/resources/resume-extended.pdf

🐙 github.com/garciaErick

## WORK EXPERIENCE

### Full-stack Angular Developer Applied Materials

06/2019 - Present Phoenix, AZ  
Worked with a remote team in the Semiconductor industry on a ETL and data analysis tool. Technologies used are Angular, Java, and virtualization.

#### Achievements/Tasks

- Migrated our data analysis legacy tool to Angular 8 employing latest industry standards which highly improved the quality of the code base
- Created infrastructure for unit testing and code review and enforced them on the front-end team through positive reinforcement and mentorship

Contact: Alex Pai - alex\_pai@amat.com

### Service Information Developer II DXC Technology

03/2018 - 05/2019 El Paso, TX  
Develop, maintain and test healthcare portals (MMIS Applications). Understand the business and technical aspect of the healthcare industry.

#### Achievements/Tasks

- Fixed exploits and optimized most of healthcare portals security in the US
- Trained the team on the most current industry C# features

Contact: Oswaldo Perez - oswaldo.perez@dxc.com

### Product Platform V&V Intern Intel Corporation

2017 - 2018 Hillsboro, OR  
Verification and validation on processors with the following technologies: WinForms UX Design, C# WCF protocols, unit testing and mock testing.

#### Achievements/Tasks

- Implement a continuous integration system supporting the team's host and client structure using virtualization
- Develop a bootstrap installer to deploy the V&V tool to developers and to the engineers in the fabrics

Contact: Tristan Hanson - tristan.hanson@intel.com

### Graduate Research Assistant The University of Texas at El Paso

01/2014 - 03/2018 El Paso, TX  
Performing research in the fields of Semantic Web, Data Mining, and Ontologies.

#### Achievements/Tasks

- Developed the full DBCMS infrastructure, back end, and front end of the group Website using MVC architecture
- Contributor in an automatic creation/extraction of expressive ontologies from (normalized) relational databases

Contact: Doctor Natalia Villanueva - nvillanuevarosales@utep.edu

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## EDUCATION

### Master of Science - Software Engineering The University of Texas at El Paso

2017 - 2018 3.44  
Cyber secure systems specialization

- The practicum project consisted of a plugin architecture add on for IDA a disassembler and debugger, that enhanced the functionality and it is currently used by cyber security development teams in Fort Bliss

### Bachelor of Science - Computer Science The University of Texas at El Paso

2014 - 2016 3.33  
Minor  
• Mathematics

## TECHNICAL SKILLS

#### Programming Languages

Java, C#, PHP, Python, Typescript, MySQL, SPARQL, Oracle, MongoDB, OWL (Ontology)

#### Methodologies

SOLID (Clean code), Agile Development & SCRUM, User-first design, Test-driven development

#### Software Stacks

MEAN (MongoDB, Express.js, Angular, Node.js), LAMP (Linux, Apache, MySQL, PHP/Python)

#### Tools & Environments

Visual Studio, IntelliJ, Command line, Hyper-V and VMWare, Docker & Kubernetes, GIT & TFS, Vim > Emacs

#### Patterns

MVC, MVVM, Singleton, Factory

## LANGUAGES

English



Spanish



日本語 Japanese

