

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

May 16, 2020

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

