

Miguel E. Guerra

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EDUCATION

UNIVERSIDAD AUTÓNOMA METROPOLITANA

BSE COMPUTER ENGINEERING

Graduated December 2018 | Mexico City, Mexico

GPA: 3.7 / 4.0

Class Rank: ranked one out of 65 students

- Extensive Coursework: Algorithms and data Structures, Database Systems, Data-Mining, Networks, Operating Systems, Statistics, Compilers
- Extracurricular Activities: teaching assistant for calculus and algebra, gave a conference to over 50+ students and faculty members regarding Solar System OpenGL (personal project)

TECHNISCHE UNIVERSITÄT BERLIN

INTERNATIONAL EXCHANGE PROGRAM

April 2018 | Berlin, Germany

- Coursework: Machine Learning, Machine Intelligence, Python for Machine Learning, Digital Innovation, Graph Theory

MISSOURI MILITARY ACADEMY

HS DIPLOMA & MILITARY TRAINING

Graduated June 2008 | Missouri, USA

- Accomplishments: ranked JROTC captain senior year and Band Commander in charge of 35 band members

EXTRACURRICULAR COURSES

UDACITY

JAVA DEVELOPER NANODEGREE

Graduated November 2019 | Online

- Coursework: Web Services, API's, Microservices Data stores & Persistence, Security, DevOps

UDACITY

MACHINE LEARNING ENGINEER NANODEGREE

Graduated January 2019 | Online

- Coursework: Supervised Learning, Unsupervised Learning, Deep Learning, Reinforcement Learning

CODING DOJO

FULL STACK DEVELOPMENT

Graduated July 2016 | San Jose, CA, USA

- Coursework: Javascript, HTML, CSS, Angular, MongoDB, NodeJS, Express

FUN FACTS

PERSONAL

I was a former chef with more than 7+ years of experience • Lead 5-star hotel restaurants and worked on a 2 Michelin star restaurant

HOBBIES

Gamming • Surf • War History • Guitar Player

EXPERIENCE

MICROSOFT | SOFTWARE ENGINEER

Aug 2020 - Present | Home Office

- Currently working on creating and fighting an optimized deployment method that lowers machine maintenance time from 2 hours to 20-30 minutes by determining which components can be deployed while a machine is still live.
- Currently creating a SLA's monitor service application that notifies partner teams that use our deployment service that their workflow/component exceeds their performance or reliability threshold.
- Currently participating in a monthly O365 Deployment team On-Call rotation.

EPAM SYSTEMS at Google | SOFTWARE ENGINEER

May 2019 - Aug 2020 | Mexico City, Mexico

- Worked and developed new features of the chrome extension for the most used internal application in Google (over 20k+ users per month)
- Worked on the front-end using Polymer, Angular and Typescript and developing new services and scripts for the back-end using Java

UNIVERSIDAD AUTÓNOMA METROPOLITANA | GITHUB

SOFTWARE ENGINEER INTERN

June 2018 - November 2018 | Mexico City, Mexico

- Designed and created a web application tool that handles assignment of trimester courses and teachers
- Developed using React, Redux, NodeJS and MongoDB

SELF - FREELANCE | GITHUB | WEBSITE

FULL STACK ENGINEER

September 2016 - May 2019

- Conducted requirement elicitation of clients specifications and offered for web and technology solutions
- Created and sketched web applications and landing pages using design tools like Figma and Sketch App
- Engineered and developed full-stack solutions using technologies like React, Angular, NodeJS, SQL, MongoDB, HTML, CSS and JavaScript
- Integrated third party solutions and API's to web applications like Mailchimp, Sendgrid, Stripe, Mlab
- Deployed web applications to cloud services like Digital Ocean and Vercel

SKILLS

TECHNICAL SKILLS

PROFICIENT WITH:

JavaScript • React • Angular • Git • Typescript • C# • NodeJS
Java • HTML • CSS • Python • PowerShell • SQL • NextJS

FAMILIAR WITH:

Azure • Google Cloud • Machine Learning • MongoDB • CosmosDB

SOFT SKILLS

STRONG:

Leadership • Bilingual Communication (English and Spanish)
Ambitious • Competitive • Eager to learn • Team Player