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English, Spanish
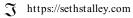
BACKGROUND

ABOUT

Hi there! I'm a U.S. expatriate who studied and currently lives in Costa Rica. I'm a software developer looking to see what is next.

WORK EXPERIENCE

Software Engineer, simMachines
Jul, 2018 - Present

SDE Intern, Amazon
Jul, 2017 - Nov, 2017   4 months

Created internal Java microservice that allows internal applications to easily communicate with Amazon's email service.

- Greatly simplified the existing solution that was being used to send emails from internal IT applications.
- Leveraged AWS SNS and SQS to create a highly portable and scalable communication protocol for Amazon's internal apps.
- Created internal documentation and metrics dashboard.
- Setup near real-time logs and alarms using AWS CloudWatch.
- After the internship, I was greenlit by the bar raiser and team to be hired as a full time SDE at Amazon.

SKILLS

Web Development

`HTML` `CSS` `JavaScript` `Hugo/Jekyll` `Electron`

Backend

`Node Express` `Java` `Python` `Ruby Rails` `Serverless Lambda` `Redis` `SQL` `NoSQL`

Cloud

AWS   Firebase

DevOps

CircleCI   AWS Cloudformation   AWS Code Deploy   Gulp   Github

Video Game Development

Unity Engine - C#   PixiJS

Mobile

Android Studio   React Native   Flutter

👁 EDUCATION

Computer Science, Bachelor, Costa Rica Institute of Technology

Feb, 2014 - Mar, 2018

3.6

VOLUNTEER WORK

Assistant, ITCR's Chemistry School

Aug, 2016 - Jan, 2017

Assisted with the development of a cross-platform Java Swing application with the goal of processing data from a spectrophotometer.

- Implemented encrypted file Save/Open feature for Java desktop application.
- Created a REST API using Node.js to securely expose MySQL procedures over HTTPS.
- Created complementary web app using polymer, which displays real time data from REST API and graphs data using highcharts.