

ELEMENTARY, MY DEAR WATSON

A software engineer who takes a methodical approach to learning before sharing her insights.

WITH ESTEFANIE DE LA GARZA

I am an embedded apps software engineer (I make apps for big robots) by day, and in my free time I run my YouTube channel and make video games.

During the day, I am a c++ programmer who deals with lower level automated systems. For my personal projects, I grab whatever language or technology works. For example, once I used NASA's APIs and created a star visualization using Unity and an Oculus Rift. I love going to Hackathons (and hosting them!) so I have been accustomed to taking a piece of tech I've never used before and figuring it out in a day. I do not have a list of favorite tools or languages since I believe that I can find the best tool for the job, learn it, and use it as I go. I am a problem solver who only needs coffee, patience, and StackOverflow (in that order).

I am an active alumni and founder of Computer Science Girls (CSGirls), an organization that reaches out to women interested in technology and promotes their career advancement. I also volunteered to organize and host the annual Science Hack Day Houston at the Houston Museum of Natural Science. This hackathon brings people from all industries together to create amazing science projects in 24 hrs.

My favorite and most recent project is Estefannie Explains It All, a Youtube channel where I ramble about technology and computer science and upload examples on data structures, algorithms, and basic principles of computer science.