

# omar raza

developer

## contacts

+1 (408) 642 9642  
razao@purdue.edu  
github.com/osterhagen

## languages

♥ C++  
Java  
C#, SQL  
JavaScript  
CSS3 & HTML5  
and many more...

## development stacks

♥ MEAN  
(MongoDB, ExpressJS,  
AngularJS, NodeJS)  
**Microsoft**  
(ASP.NET, .NET, SQL  
Server)  
**Bootstrap 3**  
(CSS3, HTML5, and  
JavaScript)

## development frameworks

♥ Agile (SCRUM)  
SDLC

## version control

♥ GIT  
SVN

## education

2015–2019 **Bachelors** of Computer Science Purdue University  
*Specialization: Software Engineering*  
**Relevant Course Work:** Data Structures in C++, Algorithms in Java, Systems Programming in C and SQL, Computer Architecture in C and Assembly  
**Awards:** Purdue University Presidential Merit Scholarship

## experience

Ongoing **Delphi Automotive PLC** - Electronics and Safety Laboratory West Lafayette, IN  
Software Contractor  

- Automation: Assisted a team of Mechanical and Electrical Engineers in created systems that were capable of handling both automatic and human inputs for the Self Driving Car.
- Visualization: Worked on team of over 30 software developers to create different interfaces and programs that would assist car manufactures in engine development (Chevrolet & Audi)

Winter 2016 **pi lab** Indianapolis, IN  
Member of Technical Staff - Associate Software Engineer  

- Working on main product, Edwin the Duck, as a full stack web, and iOS developer
- Assisting on different projects from embedded sensor reading, low level SOC development, image recognition and modulation, and even making emojis.

Summer 2016 **AngelHack** San Francisco, CA  
Software Engineering intern  

- Assisted in the development of the Front end interface and migrated the main submission system used for Angelhack hackathons from a Microsoft Stack to a MEAN stack.

## projects

SIPR **<https://github.com/osterhagen/sublinearPatternRecognizer>** DEPLOYED  
Created a predictive algorithm under for a statistics professor that would analyze different data sets and make conclusions about graphical patterns given the inputs.  

Stock Pro **Chrome App Store** USABLE (Pre-Alpha)  
Stock Pro is a Web app that will allow the user to monitor markets and stocks on the DOW Jones. Created a regressive algorithm that analyzed different market patterns to quantify the permanence of a spike or crash in that respective market.

## community involvment

Present **Mentor (Java)** West Lafayette, IN  
CoderDojoAnvil  

Present **Sponsorship Committee - Corporate Liason** West Lafayette, IN  
BoilerMake (Purdue's Collegiate Hackathon)