

omar raza

developer

contacts

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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)