

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: Database and Information Systems, Machine Intelligence
Relevant Course Work: Data Structures in C++, Algorithms in Java, Systems Programming in C and SQL, Computer Architecture in C and Assembly, Marketing and Management for New Ventures
Awards: Purdue University Presidential Merit Scholarship

experience

Present **pi lab** Indianapolis, IN
Associate Software Engineer - Full Stack

- 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.
- Technologies:** MEAN stack, a bunch of different API's, iOS, Linux

Summer 2016 **IronGolfer** West Lafayette, IN
Software Engineering Intern - Full Stack

- Created the .NET and SQL part of the Microsoft Stack Framework for the startup
- Worked with iOS engineers on UI design, data transferring and request processing
- Technologies:** Microsoft stack, Heroku, iOS

Summer 2015 **AngelHack** San Francisco, CA
Research Intern - Automation

- Assisted in the development, revision, and automation, of the main submission system used for Angelhack hackathons.
- Technologies:** Microsoft stack

projects

WYAt **github.com/osterhagen/WYAt** USABLE (beta)
WYAt, or Where You At, is an app that allows Resident Assistant's (RA's) to communicate efficiently with residents by updating their location and availability via a website or LCD display outside the RA's door.

UrLED **github.com/osterhagen/UrLED** USABLE (Pre-Alpha)
UrLED is a customizable RGY lightbulb that changes color through either user input on the 5 buttons, RedIn, GreenIn, YellowIn, Increment +5, Decrement+5, or through a web application.

community involvement

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

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