



## AAKASH SHAH



Arlington, VA



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### About

A developer by passion and a budding computer scientist. Founded and developed mid-level architectures for various projects. A self-motivated individual who works with a focused approach.

### Web Profile

<https://aakashrshah.github.io/>

### Programming Languages

Python	★★★★
Java	★★★★
C++	★
C	★
HTML/JS	★★
PHP	★★★★

### Areas of Interest

Natural Language Processing, Machine Translation, Machine Learning, Internet of Things, Web Development.

### Key Project

Athena is a Watson developer cloud natural language classifier for Arabic parsing of tweets.

Personality Insights is a IBM Bluemix project for analyzing president's inaugural speech.

### Languages

English, Hindi

## Professional Experience & Key Projects

### TIC Summer Camp, Programming Counselor

July 2017 - August 2017

Tutored functional programming language to kids from age 6 - 16 and helped to develop games and tutorials for Microworlds EX.

### GWU Psychology Dept., Research Assistant

May 2017 - present

Successfully developed a psychometric (2AFC) test using React JS. Server load balancing for AWS. Project Url : <https://sentien.tech>

### GWU Computer Science Dept., Tutoring Assistant

September 2016 - present

Tutor key concepts of algorithms, data structures etc. to undergrad students.

### Encircle.io , Research Assistant

Aug 2015 - May 2016

Researched into Beacon technology and WiFi triangulation for building a next generation IoT platform & providing proximity experiences using Spring framework.

### Unisys Inc., Software Architect Intern

Aug 2015 - May 2016

Contributed to the revamping of Unisys Secure Family Net(USFN)

### Pixellete, Head of Operations

Apr 2013 - Dec 2014

Led a team of 5 developers and designers in this university incubated firm. Developed scalable web apps using Yii (PHP framework) and SQL.

### Development Tools

Yii Framework (PHP+SQL)	★★★★
Spring Framework	★★★★
React JS / Redux	★★
MATLAB	★
IBM Watson Developer Cloud on Bluemix.	★★
Oracle/Postgres SQL	★★

### Professional Skills

Web Content Management System	★★★★
RESTful Web Services & Microservice Architecture	★★
MVC Architecture & Implementation	★★★★
IoT based JAVA application for Commercial Beacons	★★
Python Automation Scripts for Azure and AWS	★★★★

### Education

#### M.S. in C.S.

2016-2018

George Washington University, D.C.

Machine Learning, Cognition & NLP

3.55\* GPA

#### B.Tech

2011-2015

SRM University, India

Computer Science & Engineering

7.83 CGPA

### Hobbies

I play the keyboard (Musical Instrument) and like to blog about interesting things that I read.

### Awards

#### International Student Ambassador

2017

George Washington University

#### Global Initiatives Tuition Fellowship

2016

George Washington University  
Awarded \$20,000

#### Winner in Coding Competition

2014

24hr Coding Round

#### Winner in Blitzkrieg

2012

Concept Design Competition

#### Special Performance

2010

National Cyber Olympiad  
All India Rank 57

#### High Commendation

2010

All India Astronomy Olympiad  
Top 1% in State