

# Richard Zhang

Mobile: 703-989-8842

My website: <https://richardzzzz.github.io/RichardZ>

Email: [zhangruiqian5@gmail.com](mailto:zhangruiqian5@gmail.com)

11802 Breton CT APT 12C. Reston, VA 20191

---

## SUMMARY OF QUALIFICATION

- Computer Science engineer with strong analytical and technical skills
- Excellent written and oral communications skills and a great team player
- Strong project management and end user problem solving capabilities

## EDUCATION:

- Bachelor degree of Science on Computer Science, George Mason University  
Overall GPA: 3.67, CS Major GPA: 3.64, Graduated May, 2017
- Associate degree on Computer Science, Northern Virginia Community College  
Overall GPA: 3.65. Graduated December, 2014

## EMPLOYMENT:

Software Engineer III at GEICO, Chevy Chase, MD

July 2017 – present

- Created OCR driver's license project for mobile web, implementing camera function by using MVC to call an API to recognize the image, extract data, and utilizing for Lexis Nexis prefills
- Participate in UI breakdown experiment, changing website design, and create configuration changes, also provide support and monitoring logs and data flow for experiment rollout release
- Implement strong refactoring techniques to remove and update outdated code, and reduce code complexity
- Implement Triage skills by using RESTful API to trace root of defects, and design and deploy enhancements for both front-end and back-end based on business rules
- Implement agile scrum concept in daily programming assignments

IT intern at Intercede Inc, Herndon, VA

May 2016 – Aug 2016

- Provided internal technical support to company employees.
- Was responsible for remote desk installation of MyID; updated users' profiles and MyID testing.
- Assisted in project planning, scheduling, and tracking; prepared written and verbal reports and briefings.

Dev-ops intern at Telarix Inc, Vienna, VA

Nov 2015 – Feb 2016

- Performed an important role in collecting and documenting requirements documentation and deployment plans.
- Implemented and managed employee's data using SQL functions.
- Developed and maintained on-going relationships with various individuals and groups that provided business perspectives necessary to deliver accurate and consistent data solutions for the client.

## TECHNICAL SKILLS:

- Programming: Java, C#, RESTful API, Javascript, Linq, MVC model, SQL server, Android, MS Azure, Agile development.
- Software: Visual Studio, Splunk, MS SQL Server, Fiddler.
- Writing skills: able to write academic research papers, letters, organized reports, labs, and memos.
- Public speaking: confidently give engaging, creative speeches in both English and Chinese fluently.

## PROJECTS:

- **Emergency App**

This app is designed for Android phones with system 4.4 Kitkat or later which provides calling the number by one click, sending pre-stored emergency text messages and editing/adding messages, sending pictures taken by front/back camera via text, and also sending current location info by google map link using GPS tracker. Widget also available on the home screen.

- **OCR windows App & OCR nodejs app**

Both apps are prototypes of translate image into text using Tesseract api to extract information. The OCR windows app could open a local picture and display the text information based on Tesseract calculation. The nodejs app will take multiple images as a list, and give a list of text information based on the calculation.

- **Python Compiler**

This compiler converts python code into x86-64 assembly code. It parses integers, variables which can be saved on runtime stack, arrays, input/output, arithmetic functions, loops, non-recursive and recursive functions, and control flow. The compiler can be used to produce running executable based on the python code.