

WEB
ashleychang.me

CELL
301 - 461 - 9397

EMAIL
ashleyyc@gmail.com

ASHLEY CHANG

Versatile leader constantly trying to improve.
Mindful team player constantly trying to learn.
Innovative problem solver constantly looking for a challenge.

CURRENT

SOFTWARE ENGINEER

Capital One
McLean VA
ashley.chang@capitalone.com

US Card, Marketing Technology Platform

- Producing and managing site clickstream data for 500+ consumers, such as business analysts, ML engineers, and data scientists
- Utilizing AWS for infrastructure; Scala, Python, and Spark for ETL

CYBER OPERATIONS OFFICER

U.S. Army
Adelphi MD
ashley.chang.mil@mail.mil

National Capital Region Cyber Protection Center (NCRPC)

Please email me for more information.

EDUCATION

UNIVERSITY OF MARYLAND

College Park MD

B.S. Mathematics, B.S. Computer Science, **3.7 / 4.0**

Business Analytics Minor

Honors College: Gemstone Honors Program (Team BIASES)

Army ROTC: Distinguished Military Graduate (DMG)

EXPERIENCE

SWE INTERN

Target Corporation
Minnapolis MN

- Built end-to-end application that supports relationship and attribute management of nodes in the supply chain network
- Created microservices using Java Spring Boot, user interface using AngularJS
- Practiced CI/CD through use of Drone and Docker containers with Kubernetes

TEACHING ASSISTANT

University of Maryland
College Park MD

- Graded homeworks, quizzes, exams, and projects for CMSC320 (Intro to Data Science)
- Held office hours twice a week for 2 hours to help students with course material
- Reviewed lecture notes to be posted online, assisted with logistics of course (180 students)

COMPANY COMMANDER

Army ROTC
College Park

- Led Company of 100 cadets in PT (3 hours/week) and Lab (2 hours/week)
- Formed training plans, guided and supervised Platoon Leaders
- SMP Cadet with National Capital Region Cyber Protection Comamnd (NCRPC)

RESEARCH FELLOW

Food & Drug Administration
Silver Spring MD

- Developed web application to assist in evaluation of imaging devices
- Designed interfaces using Java and hosted using Apache Tomcat
- Integrated large sets of images with SQLite and focused on decision analytics

SKILLS & TECHNOLOGIES

JAVA ●●●●●
 SCALA ●●●●●●
 PYTHON ●●●●●●

HTML/CSS ●●●●●●
 R ●●●●●●
 JAVASCRIPT ●●●●●●

SQL ●●●●●●
 RUBY ●●●●●●
 C ●●●●●●

Other skills: Git, AngularJS, Spark, AWS, Bash, Docker, Jenkins, Drone, Agile, MATLAB, data analytics, data viz

HONORS & AWARDS

Omicron Delta Kappa -- Sigma Circle
 --> 2018 Spring Inductee
 --> 1 of 40 inductees
 Twitter, Inc. -- Women in Engineering
 --> 2016 Grace Hopper Fellowship
 --> 1 of 12 fellows

PERSONAL PROJECTS

where2study : matching students to study abroad opportunities
 [web application built with Python, Flask, and MySQL]
 fridgerate: reducing food waste by tracking expiration dates
 [android application built with android SDK and SQLite]