

Meredith Duflock

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EDUCATION

Georgetown University, Washington, DC

Present - May 2019

Bachelor of Arts in Computer Science, History; Minor in Psychology

- Sophomore year GPA: 3.87/4.00 (overall GPA: 3.66/4.00); Dean's List; History Honors Society

WORK EXPERIENCE

Google Trusted Tester

August 2016 - Present

- Discover and report bugs on apps like Google Maps, Duo, Allo, & Supersonic, with suggestions for fixes included

Clerk/Cashier at CVSHealth

June 2017 - August 2017

- Provided excellent, friendly customer service, managed inventory, assessed store layouts, fielded customer responses

Technology Innovation Intern at LifeMoves

June 2016 - August 2016

- Analyzed the use of third-party applications in Salesforce instances and presented the results to executives
- Designed and executed a set of initiatives to streamline Salesforce UI/UX and make more efficient use of available data (volunteer projects, shortcuts, dashboard graphs, auto-populating emails with more useful info)

PROJECTS AND SKILLS

- Fluency in C++, Python, Java, HTML and CSS
- Proficiency in object oriented design & programming, class composition & inheritance
- Mastery of templates, pointers, dynamic memory allocation, iterators, virtual functions, polymorphisms, abstractions, loops, searching and sorting
- Extensive experience with Android app creation and Android Studio
- Well-versed in SQL, practical experience with RDB
- Regularly use Github for personal projects, have extensive experience with version control
- Built personal website with HTML and CSS, located at <https://github.com/mduflock/personal-website>
- Built own Android application to tally sports scores for multiple games and display a log of every game
- Basic experience with automated testing (Selenium)
- Have implemented security algorithms like Diffie-Hellman, private key crypto, and AR drone hacking

RELEVANT COURSEWORK

User Interface and User Input - basic Android application building (part of Udacity's Android Basics nanodegree)

- View theory and implementation (nesting, methods), Android Studio, XML and common attributes, material design basics, building layouts (Relative, Linear), application debugging and testing
- Integrating Java classes & functions, user interactions (buttons, entering text), logs, stack tracing, function overriding, intents, language support, resources, styles, themes

Intro to Relational Databases - basic database use and good knowledge of SQL

- Tables, queries, aggregations, primary keys, joins, SQL (select, insert, drop, create, etc.); Python DB-API; normalized table design; PostgreSQL usage and documentation (subqueries, etc)

Intro to Network Security - familiarity with essential security algorithms and practices

- Internet layers, public/private key crypto, hashes, PKI, TLS/SSL, TCP/IP, worms, DOS, DNS, routing, VPN, spam, phishing, firewalls, detection systems (IDS), web security and cloud security

Additional Courses - Probability and Statistics, Calculus I, Computer Science I & II (C++ and best practices), Intro to Java, Programming Foundations with Python, Intro to HTML and CSS

OTHER EXPERIENCE

Georgetown Policy Debate

November 2015 - Present

- Developed superb oral and written communication skills through self-motivated research and many tournaments
- Worked effectively in a team environment while remaining poised, confident, and collected under stress

Notre Dame Speech and Debate

August 2011 - May 2015

- Taught and practiced public speaking and research skills, doubling the size of the team in my two years as captain; led the team to many victories and achieved great personal success, placing first in multiple tournaments

OTHER SKILLS

- Second degree black belt and former Instructor Trainee
- Proficient in Excel, Word, Powerpoint, and conversationally fluent in Spanish
- Hobbies include: crocheting, playing Pokemon Go & Clash Royale, playing board games, volunteering