

# Michael Zheng

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(443) 630-9700  
<https://www.linkedin.com/in/michael-zheng-77937013b/>  
<https://michaelzheng1.github.io/website/>

301 Phelps Avenue  
Glen Burnie, MD 21060  
mzheng1@terpmail.umd.edu

## Education

University of Maryland, College Park, MD

- Anticipated Date of Graduation: December 2019
- Bachelor of Science, Computer Science

## Technical Skills

Programming Languages

- Proficient: Java, C, HTML/CSS/JS
- Basic: Python, OCaml, React, Ionic, Prolog, MIPS, SQL

Certification

- Secret Clearance
- CERTTEC Basic Electricity & Electronic AC/DC certification

Tools and Technologies

- Wireshark, GDB, Matlab, Android Studio

## Experience

U.S. Army Reserve – Baltimore, MD

January 2016 – Present

Rank: Specialist

- Repaired computer/detection systems for the primary military occupational specialty
- Installed, fixed and operated night vision devices, chemical agent detectors/monitors, computer-off-the-self (COTS) equipment, and Army Maintenance Management System (TAMMS)
- Performed preventative maintenance checks on devices and troubleshoot to determine faults
- Collaborated with others to complete time-demanding task

## Projects

BitTorrent Client (Java)

December 2018

- Able to interoperate with official BitTorrent clients
- The program uses a peer-to-peer file sharing system to download files faster

ATM/Bank System (C)

November 2018

- Implemented a program that routes messages between ATM and the bank
- Used tools from OpenSSL to encrypt messages

Ravenous (React)

April 2019

- Give users the ability to search the best match, highest rated, and most viewed restaurants
- Send HTTP request to Yelp API to get information about restaurants around the area

## Additional Information

Member, University of Maryland Cybersecurity Club

February 2018 – Present

- Attained a proficient understanding of assembly level
- Competed in the UMBCCyberDawgs CTF 2018 & Parsons CTF 2019
- Competed in JHacks 2019