

# Christopher Thompson

## *Software Developer*

[chris@vgcs.io](mailto:chris@vgcs.io) | (301) 535-2747

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## *Experience*

### **Refinery Labs** : Software Developer **2020 - Current**

- Serverless deployment orchestration built on top of AWS

### **Uber** : Security Engineer **2016 - 2020**

- Automated event dispatching from Application Security scanning of discovered assets
- Triaging and remediation of detected vulnerabilities (Bug Bounty, scanning, auditing)
- Native Android and iOS framework for fraud signalling
- Security education curriculum for developers to proactively identify and remediate commonly seen vulnerabilities specific to Uber's infrastructure

### **BAE Systems** : *Security Internship* **2015 - 2015**

- Audited source code for company products and discovered exploitable vulnerabilities
- HTML and Javascript fuzzer for HTML5 capable browsers targeting DOM based UAFs
- Mac OSX scriptable debugger for detecting and inspecting crashes in applications

### **New York University** : Cyber Security Lab **2014 - 2017**

- CSAW CTF Organizer - Interfaced with security researchers to create cyber security challenges for undergraduates
  - Hack Night Organizer - Introduce attendees to offensive security topics by engaging them in a hands-on curriculum
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## *Projects*

- Automatic generation and deployment of a cyber forensic investigation for annual high school competition
  - Hierarchical document classification for articles using ML (doc2vec)
  - Bluetooth stack vulnerability analysis and exploitation development for mobile platforms
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## *Volunteering*

I am passionate about education and making concepts accessible for the masses. A tool that many people can use can bring about great change.

- Montgomery County Public School High School Forensics (mpcshsf) competition developed and ran from 2015 to 2020
- NYU Cyber Security Awareness Week (CSAW) organizer 2014 - 2017
- TEALS volunteer for 2018/19 and 2019/2020 school semesters for Chelan High School