# Bryan Dang

Secret Security Clearance bdang160@gmail.com 1301) 848-0407 Elkridge, MD

### **WORK EXPERIENCE**

# Northrop Grumman (Sensor API Project)

Aug. 2020 - Present

Software Engineer

Baltimore, MD

- C++, Python, Git, Docker, Visual Studio Code, Jira, SonarQube, Google Test, Linux
- Designed a C++ based sensor API that users can interface with to ingest F-35 sensor data.
  - o Created a suite of compliance unit tests using Google Tests to test code through a CI / CD pipeline.
  - o Built reference implementation of the sensor API to show future developers how to use the API.
- Worked with members of other teams to organize code changes, debugging issues, and standardization.
- Taught new developers to the project by getting them up-to-date with the sensor API and teaching them skills.

# Northrop Grumman (Cryptographic Application)

Aug. 2019 – Aug. 2020

Software Engineer

Baltimore, MD

- Java, Netbeans, Linux
- Created a command-line version of an existing cryptographic application for automation purposes
- Improved the memory efficiency of the application by 5% by using debugging tools.

# Northrop Grumman (Countermeasure Tool)

Jul. 2018 – Aug. 2019

Software Engineer

Baltimore, MD

- C++, Visual Studio | Created a user interface to create countermeasure and obscuration files which allows users to choose and edit their own data points.
- Operated infrared sensor equipment to verify that countermeasure output files were correctly processed.

Walmart Labs

Jun. 2017 – Aug. 2017

Software Developer

Reston, VA

Java, Databases, RESTful API | Created a tool to return the sales velocity for Walmart products in real-time.

#### Naval Surface Warfare Center

May. 2016 - March 2017

Software Engineer

Dahlgren, VA

• C++, Qt Creator | Developed part of a simulation that retrieved info. about a missile from a central server.

#### **EDUCATION**

## University of Maryland, College Park

May, 2018

B.S Computer Science

College Park, MD

- GPA: 3.8
- Phi Delta Sigma Asian Interest Fraternity | Secretary | Service Chair | Philanthropy Chair

## SKILLS / TOOLS & INTERESTS

- Skills / Tools: Java, C/C++, Python, Qt Creator, Git, Clearcase, Jira, Rally, Visual Studio, Eclipse, Netbeans, Google Test, Windows, Red Hat, Linux, Ubuntu, CI / CD, Debugging, Testing, Documentation
- Interests: Chess, Guitar, Weightlifting, Hiking, Boardgames, Dungeons and Dragons, Disney+, Spanish