NOAH
TOWNSEND

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EDUCATION & CERTIFICATES

Computer Science B.S. | Cedarville University   May 2020
Degree focus: Cybersecurity

Relevant coursework: Foundations of Computer Security, Data Structures Using Java, Operating Systems, Digital Logic Design

Academic honors: Dean's list 2017 – 2018

Dual Enrollment | Zane State College   2014 – 2016

Relevant coursework: Introduction to Java, Introduction to C#, Introduction to Programming Logic, Server-side Scripting

Academic honors: Phi Theta Kappa Honor Society, Dean's list 2014 – 2016

Microsoft Technology Associate: HTML5 Application Development Fundamentals

Date of Achievement: 05/06/2016

LANGUAGES & SKILLS

- Java
- Kotlin
- C/C++
- C#
- JavaScript

- HTML5/CSS3
- OSGi
- Android Development
- JUnit/Espresso
- SQL (Familiar)

- Windows/Linux/Mac Environments
- Raspberry Pi (Pi4J)
- Photoshop/Illustrator

EXPERIENCE

ORISE Intern | Air Force Research Laboratory: BATMAN Program   May 2018 – Current

- Implement new features within the BATDOK Android app
- Write automated tests using JUnit and Espresso to ensure product stability
- Discover and fix software bugs within the BATDOK Android app

Independent Contractor | Ohio Republican Party   Aug 2017 – Jan 2018

- Created a program that returns a list of all individuals within a given radius based on latitude and longitude
- Optimized the program to work with large amounts of data
- Organized and implemented the design and development of the application

Software Technician I | University of Dayton Research Institute   June 2017 – Aug 2017

- Worked with team to build a modular IoT platform using the OSGi framework
- Created plugins for the IoT platform to interface with the Raspberry Pi and various sensors

ACTIVITIES

Cedarville Supermillage Team - Computer Team Member

Business Professionals of America – Member and 1st place at State (Ohio) and National Java Programming Competitions (2016)

Cedarville University Cyber Security Awareness Group – Presenter at multiple schools and other venues (2017 - 2018)