

# TYLER N. HOWARD

17507 Country View Way ~Mount Airy, MD 21771 ~ (240)-394-2008~ [tylernhoward@gmail.com](mailto:tylernhoward@gmail.com)

## EDUCATION

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Towson University  
Bachelor of Science in Computer Science, Software Engineering track  
Minor in Mathematics

Towson, Maryland  
Expected graduation- Spring 2018  
**GPA: 3.60**

## HONORS and AWARDS

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Towson University Honors College  
Towson University Provost Scholarship  
Towson University Dean's List

August 2014-Present  
August 2014-Present  
Spring 2015, Spring 2016

## WORK EXPERIENCE

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Undergraduate Research Assistant, Towson University, Department of Computer Science  
Towson, MD

Spring 2017 - Present

- Developing and maintaining a repository of online teaching modules at Security Injections @Towson using AngularJS
- Modules are aimed to teach secure coding principles to introductory Computer Science students at Towson University

Field Support Technician, Towson University, Office of Technology Services  
Towson, MD

Fall 2016 - Present

- Supports faculty and staff of the university with technology related issues
- Aids in campus wide program to update old computers with new peripherals and distribute to clients

Clerk, Field Worker, Larriland Farm  
Woodbine, MD

Summer 2012 - Spring 2016

- Lead field crews to complete assigned tasks in an efficient manner, handled produce, and assisted with sales

## VOLUNTEER and EXTRACURRICULAR INVOLVEMENT

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Member of Towson University Cyber Security Club

Fall 2016 – Spring 2017

- Club focused on current security practices and relevant vulnerabilities
- Meetings involve practical applications and challenges that highlight ideas discussed

KPMG Project Clean Stream

Spring 2016

- Group volunteer effort to clean the polluted waterfront Ferry Bar Park in Baltimore, MD

Peer Minister, St. Michael's of Poplar Spring

July 2011 – July 2015

- Created an effective itinerary and coordinated events for children on a fixed schedule
- Hosted a collection for Free The Children, combating child labor in developing countries

## RELATED SKILLS

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Java Programming  
Python Programming  
JavaScript, AngularJS, PHP, HTML, CSS  
Knowledge of Windows and Linux Operating Systems

Fall 2015 - Present  
Spring 2016 – Present  
Fall 2016 –Present

## PROJECTS

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HeRO: Help Resources Online  
Security Injections 3.0 @Towson  
WWYDH: What Would You Do Here?  
Raspberry Pi Alarm/Weather System

Provides help resources, videos, and campus alerts to instructor workstations (VB)  
AngularJS based web application used as a teaching tool for introductory CS students  
PHP based website aimed to combat vacant lots in Baltimore (Semester Project)  
Raspberry Pi alarm clock and weather station GUI using Python and QT (WIP)