

TYLER N. HOWARD

tylernhoward@gmail.com ~ (240)-394-2008 ~ tylernhoward.com

EDUCATION

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

Towson, Maryland
Expected graduation- May 2018
GPA: 3.65

HONORS and AWARDS

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

August 2014-Present
August 2014-Present
Spring 2015, Spring 2016, Spring 2017

WORK EXPERIENCE

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

Spring 2017 - Present

- Lead developer responsible for maintaining a repository of online teaching modules hosted at Security Injections @Towson
- Conducting research in order to design and implement a curriculum management platform for an NSF funded project

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

Fall 2016 – Spring 2017

- Supported faculty and staff of the university with technology related issues
- Aided in campus wide program, Educycle, 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

Member of Towson University Software Engineering Club

Fall 2017 – Present

- Skill development based club based on independent project work and participation in local hackathons

Member of Towson University Cyber Security Club

Fall 2016 – Spring 2017

- Club focused on current security practices and practical applications that highlight system vulnerabilities

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
- Volunteered in a homeless outreach center meal program, Our Daily Bread in Baltimore MD

RELATED SKILLS

Java, JavaScript, AngularJS, HTML, CSS
Python, C++, PHP, MySQL
Scala, ASP.NET, Ionic, Swift
Knowledge of Windows and Linux Operating Systems
Knowledge of Object Oriented Design, Version Control, Agile Development

Skilled
Intermediate
Beginner

PROJECTS

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)