TYLER N. HOWARD

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

EDUCATION

Towson University   Towson, Maryland
Bachelor of Science in Computer Science, Software Engineering track   Expected graduation- Spring 2018
Minor in Mathematics   **GPA: 3.65**

HONORS and AWARDS

Towson University Honors College   August 2014-Present
Towson University Provost Scholarship   August 2014-Present
Towson University Dean's List   Spring 2015, Spring 2016, Spring 2017

WORK EXPERIENCE

Undergraduate Research Assistant, Project Lead, 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 NSA funded project

Field Support Technician, Towson University, Office of Technology Services
Towson, MD   Fall 2016 – Spring 2017

- 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

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   Skilled
Python, C++, PHP, MySQL   Intermediate
Scala, ASP.NET, Ionic, Swift   Beginner
Knowledge of Windows and Linux Operating Systems
Knowledge of Object Oriented Design, Version Control, Agile Development

PROJECTS

HeRO: Help Resources Online   Provides help resources, videos, and campus alerts to instructor workstations (VB)
Security Injections 3.0 @Towson   AngularJS based web application used as a teaching tool for introductory CS students
WWYDH: What Would You Do Here?   PHP based website aimed to combat vacant lots in Baltimore (Semester Project)
Raspberry Pi Alarm/Weather System   Raspberry Pi alarm clock and weather station GUI using Python and QT (WIP)