**Erik Benscoter**

Phone: Cell: 1-(413)-358-3674

Home: 1-(413)-684-2464

Address: 250 Worthington Rd

Windsor, Ma 01270

Email [esb5164@psu.edu](mailto:esb5164@psu.edu)

Personal website [www.personal.psu.edu/esb5164](http://www.personal.psu.edu/esb5164)

**Education:**

*The Pennsylvania State University*

**Bachelor in Computer Science** Major GPA: 4.0

**Minor in Information Sciences and Technology** Current GPA: 3.73

Anticipated Graduation May 2015

**Relevant Coursework & Programs:**

* CMPSC 121: C++ introduction
  + Go Fish Simulation: C++ command line application
* CMPSC 122: C++ with a focus on object oriented programming
  + DVD Library: C++ command line applications where you can add, sort, delete, copy, save and open a list of DVD’s
  + Airport Simulation: C++ command line application that simulated a busy airport, calculated efficiencies, and placed hierarchies of planes coming in and leaving to use the run ways
* CMPSC 122: Java programming
  + GUI applications
  + SQL applications

**Awards/Other Accomplishments:**

* Dean’s List Fall 2013
* Award for highest offer in Engineering Design 100 Class Fall 2011
* Boraski Merit Scholarship 2010
* Eagle Scout Award 2010

**Recent Volunteer and Work Experience:**

* Penn State Move-In Parking Attendant 2012-2013
* 125+ hours of community service
* Participated in various rolls in organizations such as Rotary Interact, Boy Scouts of America, Order of the Arrow, as well as independent volunteering

**Organizations and Offices Held:**

* Pennsylvania State Association for Computing Machinery (ACM) member 2013-Current
* Pennsylvania State Outing Club Member 2011-Current
* Boy Scouts of America 2000-2011
* Appalachian Trail District Committee Member 2010-2011
* Rotary Interact Member 2010-2011
* Order of the Arrow (BSA National Honors Society) 2010-2011

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## Home Address: 250 Worthington Rd Windsor, Ma 01270

## T: 413-358-3674

## E: [e.benscoter@gmail.com](mailto:e.benscoter@gmail.com)

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| **Education:** | ***The Pennsylvania State University*** December 2015  **Bachelor of Science in Computer Science GPA: 3.24**  **Minor in Information Sciences and Technology** |
| **Software Engineering Internships:** | **General Dynamics Advanced Information Systems** Summer 2015  Worked on a hardware simulator to aid software engineers in testing their code  Expanded Experience With: PSIM, Python, Bash, Linux Dev  Designed and wrote unit/baseline tests for testing the submarine fire control  Expanded Experience With: Parasoft, Unit Testing, C++, Windows Dev  **General Dynamics Mission Systems** Summer 2014  Upgraded an antiquated intranet used to train sailors.  Expanded Experience With: VBScript, Javascript, HTML, SQL, Visual Basic |
| **Relevant Coursework & Programs:** | **CMPSC 458: Introduction To Computer Graphics**  Learning OpenGL using C++  **CMPSC 483W: Engineering Capstone/Software Design Methods**  Helped lead and contribute to an inter-disciplinary, international team to create  a system that would predict the probability the user had contracted Tuberculosis.  Socket Programming (JAVA to python and back)  Android Application (JAVA)  Machine Learning (python)  Database (MySQL)  Linux development  BIG data  **CMPCS 311: Introduction To System Programming**  Developed a C.R.U.D driver for a remotely located storage device.  Developed on Linux Virtual Machine  Written entirely in C  **IST 402: Emerging Issues And Technology**  Developed an Android application to manage different sized tournament brackets.  Android Development (JAVA)  Database (SQLite)  Android UI (XML)  **Personal Projects:**  Web Development project for an E-Commerce company (SQLite, Javascript, PHP)  Java Project for keeping track of vacation business (JAVA, SQL, SQLite)  Website scraping, POST packets used for login |
| **Awards & Other Accomplishments:** | Dean’s List Fall 2013, Spring 2014, Spring 2015  Award for highest offer in Engineering Design 100 Class Fall 2011  Boraski Merit Scholarship Spring 2011  Eagle Scout Award 2010 |
| **Recent Volunteer & Work Experience:** | * Penn State Move-In Parking Attendant 2012-2013 * 125+ hours of community service * Participated in various rolls in organizations such as Rotary Interact, Boy Scouts of America, Order of the Arrow, as well as independent volunteering |
| **Organizations & Offices Held:** | * Penn State Association for Computing Machinery (ACM) member 2013-Current * Pennsylvania State Outing Club Member 2011-Current * Boy Scouts of America 2000-2011 * Appalachian Trail District Committee Member 2010-2011 * Rotary Interact Member 2010-2011 * Order of the Arrow (BSA National Honors Society) 2010-2011 |