

Stefan Boesen

<http://github.com/sboesen>

stefan@cs.dartmouth.edu

(425) 283-2968

EDUCATION

Ph.D. Student, Computer Security

Dartmouth College, Hanover, NH

Sept 2014 -

B.S. Computer Science

The Evergreen State College, Olympia, WA

June 2014

PROFESSIONAL EXPERIENCE

EDURange Research Assistant, The Evergreen State College

Winter 2013 - Spring 2014

- Lead developer for EDURange, an NSF funded project with the goal of creating replayable games in order to teach fundamental cyber security principles
- Created modular infrastructure allowing for wide variety of scenarios with support for AWS EC2 and custom Chef deployment recipes

Intern at Scientific Lab for Advanced Computing Research, The Evergreen State College

Winter 2013

- Developed distributed password cracker supporting NTLM, SHA256 and MD5
- Created visualization tool to assist in determining quality of Multiple Sequence Alignments

Teaching Assistant for Networking and Security, The Evergreen State College

Fall 2013 - Spring 2014

- Assisted students with general issues or questions during lab periods
- Hosted non-mandatory tutoring session for students needing more help

Computer Security Intern, Dartmouth College

Summer 2012

- Created LDAP Security Group reporting tool to accelerate HIPPA compliance auditing
- Developed tool to assist in routing copyright infringement notifications to proper students
- Contacted sales representatives of various security products, created comparison reports for CISO

Secure Information Systems Mentoring and Training Participant SISMAT, Dartmouth College

Summer 2012

- Attended lectures by various faculty covering topics such as polymorphic shellcode, web application penetration testing, buffer overflows, assembly
- Presented Address Space Layout Randomization and detailed some of its quirks to fellow students
- <http://www.ists.dartmouth.edu/events/sismat/>

Resident Technologist Web Developer, The Evergreen State College

Fall 2010 - Spring 2014

- Built web applications for students and faculty using Drupal, PHP, JS/jQuery, Backbone JS, Raphael JS

PROFESSIONAL DEVELOPMENT

Lead 2nd Place Team (best Evergreen placement to date) in Pacific Rim Collegiate Cyber Defense Competition, Des Moines, WA

March 2013, 2013

Participated in Hack.lu Capture the Flag Competition

October 2013

Participated in 3rd Place Team in Pacific Rim Collegiate Cyber Defense Competition, Des Moines, WA

March 2012, 2013

First place in Packetwars.com Competition, Dayton, WA

September 2013

Attended Consortium for Computing Sciences in Colleges Conference, The Evergreen State College

October 2012

Attended Securing the eCampus Conference, Dartmouth College

July 2012

Attended DEFCON Security Conference, Las Vegas, NV

August 2011

SKILLS

Programming: Ruby, Objective-C, C, SQL, Javascript, HTML/CSS, PHP, bash, L^AT_EX, Python, IA-32 Assembly, Expect

Frameworks, Tools, and Platforms: Ruby on Rails, jQuery, Amazon EC2, Heroku, Git, TDD, Agile Development

Operating Systems: OS X, Linux, Windows

AWARDS AND HONORS

Certified Packet Warrior, Packetwars Dayton, OH *2013*

Student Employee Recognition of Excellence, The Evergreen State College *2013*

President's Award for Educational Excellence, Chrysalis School *2010*

President of National Honor Society, Chrysalis School *2009*

Member of National Honor Society, Chrysalis School *2008-2010*