

Ben Clark

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EDUCATION

University of Delaware

College of Arts and Sciences, College of Engineering

Honors Bachelor of Science

Double Major: *Mathematics, Computer Science*

Minor: *Cybersecurity*

GPA: 3.69

Dean's List: Fall 2014, Spring 2015, Fall 2015, Spring 2017, Fall 2017, Spring 2018

Relevant Course Work: Applied Cryptography, Computer Networks I, P, Intro to Network Security, System Hardening & Protection

Newark, DE

May 2018

Semester Abroad

University of Wollongong

Wollongong, Australia

January 2016 - July 2016

TECHNICAL SKILLS

- Programming languages: C, C++, Java, NetLogo, Python
- Tools: L^AT_EX, Mathematica, Matlab, MPI, OpenMP, Pthreads, Python, R, Sage, Wireshark
- Operating Systems: Linux, MacOS, Unix, Ubuntu, VMware

EXPERIENCE

CyberStart Essentials Program

Participant

Online

April 2018

- Finished in the top 100 of over 3900 participants from Delaware, Hawaii, Iowa, Michigan, Nevada, Rhode Island, and Virginia in the CyberStart Game, a suite of challenges designed to introduce the field of cyber security
- Awarded the SANS CyberStart 2017 scholarship
- Selected for an intensive hands-on training program to provide a deep mastery of the foundations of cybersecurity and common attacks

University of Delaware, Undergraduate Research

Summer Scholar

Newark, DE

June 2017 - August 2017

- Developed an agent-based computational model of tissue development using NetLogo
- Contributed to the development of a discrete mathematical model of colonic crypts
- Worked under the supervision of Drs. Boman, Decker, Schleiniger, and Raymond
- Collaborated with three other students on a discrete and continuous model
- Received \$3500 in funding from UD's Science and Engineering Scholars

University of Delaware, Department of Mathematics

Teacher's Assistant

Newark, DE

August 2015 - December 2015

- Graded weekly homework assignments for Dr. Schleiniger's Ordinary Differential Equations course

Seabreak Beach Patrol, Middlesex Beach Patrol

Ocean Lifeguard

Bethany Beach, DE

May 2013 - September 2015

- Educated swimmers and beachgoers of potential dangers
- Certified in CPR/AED and First Aid