

Ben Clark

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EDUCATION

University of Delaware

Newark, DE

College of Arts and Sciences, College of Engineering

May 2018

Honors Bachelor of Science

Double Major: *Mathematics, Computer Science*

Minor: *Cybersecurity*

GPA: 3.70

Dean's List (6/7 eligible semesters)

General Honors Award

September 2016

Relevant Course Work: Computational Mathematics I, Data Mining and Knowledge Discovery,
Elementary Linear Algebra, Mathematical Statistics, Parallel Computing

Semester Abroad

Wollongong, Australia

University of Wollongong

January 2016 – July 2016

TECHNICAL SKILLS

- Programming languages: C/C++, Java, Python
- Tools: \LaTeX , Mathematica, Matlab, MPI, OpenMP, Pthreads, Python, Sage
- Operating Systems: Linux, MacOS, Unix, Ubuntu, VMware

EXPERIENCE

CyberStart Essentials Program

Online

Participant

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

Newark, DE

Summer Scholar

June 2017 – August 2017

- Developed an agent-based computational model of tissue development using NetLogo
- Which contributed to the development of a discrete mathematical model of colonic crypts
- Worked within a team of four professors and three students on a discrete and continuous model
- Received funding from UD's Science and Engineering Scholars

University of Delaware, Department of Mathematics

Newark, DE

Teacher's Assistant

August 2015 – December 2015

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

Seabreak Beach Patrol, Middlesex Beach Patrol

Bethany Beach, DE

Ocean Lifeguard

Summers 2014, 2015

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