

# Ben Clark

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## EDUCATION

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### 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: 3.69

Dean's List for 6 out of 7 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

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

## EXPERIENCE

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### 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