

# Austin Sullivan

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## EDUCATION:

### **University of Virginia | Charlottesville, Virginia | May 2020**

*School of Engineering and Applied Sciences, GPA 3.73*

- *Major:* Computer Science, BS
- *Minors:* Engineering Business, Applied Mathematics
- *Notable Courses:* Multivariable Calculus (APMA 2120), The Science of Info. (ECE 2066), Intro to Programming (CS 1110), Computing with Mathematica (ENGR 1501), Gen. Physics (PHYS 1425)
- *Currently Taking:* Program and Data Representation (CS 2150), Theory of Computation (CS 3102), Digital Logic Design (ECE 2330), Linear Algebra (APMA 3080), Probability (APMA 3100)

### **University of Auckland | Auckland, New Zealand**

*Semester Abroad, Fall 2017*

- *Notable Courses:* Discrete Structures in Maths and Computer Science (CS 225), Programming Techniques (CS 230), Energy and Resource Economics (ECON 372)
- *Activities:* Data Science Club

### **Missisquoi Valley Union High School | Swanton, Vermont | June 2016**

*Valedictorian, GPA 4.25 out of 4.3*

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## SKILLS:

### **Technical**

- Proficient in: Python, Java, C++, HTML, CSS
- Experience with: Mathematica, Matlab, JavaScript, React, R

### **Professional**

- Ability to lead and work collaboratively with a team
  - Strong communication skills including comfort with public speaking.
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## RELEVANT COURSEWORK:

### **Programming Techniques | COMPSCI 230 (Auckland)**

- Learned object-oriented programming with the Java language
- Implemented GUIs with the Swing framework
- Completed a culminating project focused on concurrent programming

### **Discrete Structures in Math and Computer Science | COMPSCI 225 (Auckland)**

- Learned logic and proof techniques such as induction
- Studied graph theory and trees, set theory
- Covered algorithms such as Dijkstra's algorithm and the Euclidean algorithm

### **Introduction to Programming | CS 1110**

- Learned computing fundamentals using the Python language
  - Created a dungeon crawler animated game using Pygame
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## PROJECTS:

### **HackUVA | March 2017**

- Created a website for the Hereford Student Senate
  - Used Bootstrap and some JavaScript to add functionality to web pages
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## EXPERIENCE:

### **R.I.G. Insurance Services | Colchester, Vermont | July 2015 - December 2017**

*Special Projects Internship*

- Completed various projects to improve workflow of a rapidly growing insurance company
- Created applications, designed newsletters and surveys
- Extensive work with Adobe and Microsoft Word and Excel
- Utilized Word macros to automate repetitive tasks