

# Jason Booth

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## EDUCATION

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### Northeastern University

Boston, MA

Bachelor's Degree in Electrical and Computer Engineering

May 2020

GPA 4.0

**Relevant Courses:** Engineering Design, Engineering Problem Solving and Computation, Physics 1, 2, Calculus 2, 3, Embedded Design Enabling Robotics

**Honors/Awards:** Honors Program, Presidential Global Scholar, Dean's list

### Activities:

- Boston University High Performance Computing Team
  - Working on optimizing code and hardware components to increase the efficiency of programs at international student cluster competitions
- GE 1111 One Handed Input Device Project
  - Developing a one handed video game controller with Arduino components
- Wireless Club Project Member
  - Creating an LED strip operated by a microcontroller and potentiometers
- Husky Start-Up Challenge
  - Pitched an idea for a start-up company in front of an audience of 400 people
- Honors College Leadership Retreat
- Lead-360 BLUEPRINT Workshop
  - Attending an 8 week workshop on leadership development and skills

### Lunenburg High School

Lunenburg, MA

- Salutatorian, Science Club President, AP Scholar, Student Council Treasurer
- Earned AP credit for 7 classes
- SAT: 2190 ACT: 33

## WORK EXPERIENCE

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### Computer engineering research (NUCAR lab)

Oct 2015-Present

- Writing code for a facial recognition mobile app using OpenCL and OpenCV, with focus on the OpenCL and data optimization aspects of the project

### Proctor Excavation

Apr 14 – Aug 15

- Dealt with engineering plans and worked with civil engineers at job sites

## VOLUNTEERING

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### Middle School Robotics Teacher

Jan 15 - May 15

- Taught over 20 students the basics of creating and programming robots.

## TECHNICAL SKILLS

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- Intermediate C/C++, Linux, Android studio, AutoCAD, Solid works, Matlab, Simulink
- Basic OpenCL, QuickBooks