

# Thomas Greenwald

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Available: January – August 2019

## Education

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**Northeastern University**, Boston, MA **Sept 2017 - Present**

College of Computer and Information Science

*Candidate for a Bachelor of Science in Computer Science*

**Expected May 2021**

Related coursework: Object-Oriented Design, Computer Systems, Fundamentals of Computer Science

1 and 2, Discrete Structures, Logic and Computation, Probability and Statistics, Calculus 2

Activities: NUHacks Member (Hacking Club), NUHOC Member (Outdoors Club)

Honors: GPA 3.2/4.0, Dean's Scholar

**Governor Livingston High School**, Berkeley Heights, NJ **Sept 2013 - June 2017**

Related coursework: Advanced Placement (AP) Computer Science, Introduction to Java, Introduction to Computer Science 1, AP Calculus, AP Statistics

Honors: GPA 4.4/4.5, ACT 34, National Merit Scholar, National Honor Society, High Honors

## Computer Skills

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**Languages:** *Proficient:* Java, Python, Racket(Scheme) | *Familiar:* HTML, CSS, jQuery, AMD64 Assembly

**Operating Systems:** Windows, MacOS, Linux (Ubuntu)

**Other:** Git, Bash, MongoDB, IntelliJ, Atom, Docker, Virtual Machines

## Experience

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**Perspecta Labs (Formerly Vencore)**, Basking Ridge, NJ **May 2018 – August 2018**

*Software Engineering Intern*

- Member of the DARPA XD3 Extreme DDoS Defense team
- Integrated distributed data structures with MongoDB in Python
- Developed over 2500 lines of asynchronous code using Python Asyncio concurrency module
- Tested code in large-scale testing environment with Docker containers and virtual machines

**National Honor Society**, Berkeley Heights, NJ **April 2016 – June 2017**

*Science and Math Tutor*

- Tutored students in variety of courses such as AP Calculus, AP Physics, and AP Computer Science

## Personal Projects

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**Website Development (tgreenwald.com)** **Sept 2017 - Present**

- Developed a portfolio website using custom HTML/CSS and JavaScript
- Hosted it static on GitHub pages using custom CNAME

**Tech Blog** **Oct 2017 – Dec 2017**

- Wrote opinion pieces and technical articles posted to tgreenwald.com
- Covered topics such as free software, cryptocurrency, and encryption

## Interests

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Hiking, Skiing, Camping, Music, Film