

# Dalton Luce

Boston, MA   [LinkedIn](#)   [GitHub](#)   [daltonluce.com](#)

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## EDUCATION

### Cornell University

Expected 2026

*Bachelor of Science in Electrical and Computer Engineering, CS minor*

*Ithaca, NY*

- 4.028 GPA, Dean's List all semesters
- James E. Rice Jr. First Year Writing Seminar Award Nominee
- Autobike Project Team Software Lead, IEEE at Cornell Executive Board, Cornell Outdoor Education Student Instructor, Cornell Club Swim
- Relevant coursework: Calculus for Engineers; Multivariable Calculus for Engineers; Differential Equations for Engineers; Linear Algebra for Engineers; Physics II: Electromagnetism; Physics III: Oscillations, Waves, and Quantum Physics; Data Structures and Functional Programming; Object-Oriented Programming and Data Structures; Data Science for Engineers; Digital Logic and Computer Organization; Embedded Systems

### Acton-Boxborough Regional High School

2018 - 2022

*High School Diploma*

*Acton, MA*

- National Merit Finalist and Raytheon Scholar
- Unweighted 3.95 of 4.0 GPA; weighted 4.7 of 5.0 GPA, 35 ACT
- Advanced Placement (AP) Scholar with Distinction. AP Scores of 5 in AB Calculus, Biology, Computer Science A, Physics C: Mechanics, and Statistics
- One of only 369 students globally (0.47%) to earn every point on the AP Computer Science A exam
- Dartmouth Book Award—presented to a junior for outstanding academic achievement and leadership
- National Honor Society, Swim and Dive Captain, Band Vice-President, Marching Band Section Leader, Junior and Senior Class Leader, Student Ambassador

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## EXPERIENCE

### Software Engineer, Intern

Summer 2024

*RTX*

*Marlborough, MA*

- Used Git and GitLab to develop Perl tooling for DevSecOps software pipeline. Jira administrator, created and configured projects for software teams, Groovy scripting for workflows. Jenkins administrator, updated and debugged CI/CD jobs. Validated and integrated C++ code changes into baseline.

### Software Engineer, Intern

Summer 2023

*RTX*

*Woburn, MA*

- Worked on X-Band Radar software. Learned Ada language, ClearCase, Jenkins to support correcting software bugs and new development. Assisted in redevelopment of tool allowing better testing of capabilities of radar software. Participated in daily scrum, sprint planning and backlog refinement.

### Autonomous Bicycle Project Team

2022 - Present

*Cornell University*

*Ithaca, NY*

- Software Lead. Reinforcement learning to determine optimal bicycle routing, Docker, Python. Optical flow and computer vision techniques to predict future occupancy grids, OpenCV.

### Software Tester, Intern

2022

*Tholyt Technologies*

*Acton, MA*

- Tested and reported bugs, provided insight into development of software product. Created and managed website.

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## SELECTED ENGINEERING PROGRAMS

### Hajim School of Engineering & Applied Sciences Pre-College Intensive

Summer 2021

*University of Rochester*

*Virtual*

- Attended competitive 20-student cohort three-week intensive studies program completing week-long modules in electrical and computer engineering, data science, and biomedical engineering.

### Luddy Pre-College Summer Computing & Engineering Summer Program

Summer 2021

*Indiana University, Luddy School of Informatics*

*Virtual*

- Attended a week-long pre-college exploratory program that covered topics such as intelligent sound-processing, microbiome gene sequencing, 3D modeling.

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## TECHNICAL SKILLS

- **Languages:** OCaml, C, ADA, Java, Python, JavaScript/HTML/CSS, Bash
- **Frameworks:** Svelte
- **Developer Tools:** Git, Docker, Jenkins, ClearCase