

Nate A. Levine

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PORTFOLIO

nate-levine.com

EDUCATION

Worcester Polytechnic Institute (Current Sophomore)
Bachelor's of Science, Mechanical Engineering

Worcester, MA
Expected, May 2025

SKILLS

Software/Equipment/Tools:

- Microsoft Excel, Word, PowerPoint, SolidWorks, 3D Printing, laser cutting, CNC machining, Miter saw, various hand tools.

Software Engineering:

- Proficient in Javascript, HTML, CSS, C++, OpenGL API.
- Experience with Python, C#, full stack web development (Node.js runtime, React, MongoDB).

Digital Media/Graphic Design:

- Adobe Premiere, After Effects, Photoshop, and Illustrator
- Final Cut Pro, Davinci Resolve, Blender (open source computer graphics, animation, VFX, and rendering software).

CERTIFICATIONS

SolidWorks

October 2022

- *Certified Associate in Mechanical Design*

PROJECTS

Computer Aided Design, WPI

Fall 2022

- Utilized SolidWorks to design a functioning key and deadbolt assembly, along with accompanying technical drawings for the assembly, exploded view, and individual parts.

Daniels Hall Door Stop, WPI

Fall 2021

- Designed, developed, and prototyped a doorstop that helped to solve a common problem in dorm hall, in collaboration with another student.

Ashland High School Makerspace, Ashland, MA

2019-May 2021

- Used various manufacturing tools, hand tools, and engineering techniques to manufacture group and personal projects.

Special Needs Database Volunteer, Ashland Police Department, Ashland, MA

January-June 2018

- Developed the first stage of a web interface and database that will assist officers in locating missing persons with special needs, such as autism or Alzheimer's.

WORK EXPERIENCE

Code Red Consulting, Emerging Talent Winternship

January 2023

- Worked on simulated consulting and design fire protection engineering project and presentation with group of interns.

Boating in Boston

Hopkinton, MA

Shift Supervisor

Summer 2021, 2022

Staff

Summer 2019, 2021

ACTIVITIES

Tech News, (WPI's student-run newspaper), **Writer**, WPI

August 2022- Present

Intramural Basketball, WPI

January 2023- February 2023

Running Club, WPI

January 2022- Present

AWARDS and HONORS

- **Employee of the Season Award** (Pineapple Prize), **Boating in Boston**, (2022)
- **Most Improved Award: Ashland Varsity Cross Country** (2019), **Captain** (2021)
- **Technology Department Award: Computer Science**, **Ashland High School** (2018)