

# Gavin Normand

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## EDUCATION

### Northeastern University - John Martinson Honors College

Boston, MA

*Bachelor of Science in Computer Science, Minor in Robotics*

*Cumulative GPA: 4.0 / 4.0 | Awards: Dean's List*

Expected Graduation May 2028

Relevant coursework: Discrete Structures, Fundamentals of Computer Science I/II (accelerated), Intensive Mathematical Reasoning, Foundations of Cybersecurity, Logic and Computation

### Allentown High School / High Technology High School

Allentown, NJ

*Cumulative GPA: 4.4 / 4.0 | Awards: Top 10%, National Merit Commended Scholar, AP Distinguished Scholar* Sept 2020 - June 2024

9 AP Courses, Robotics Team Software Captain, Math Honors Society Vice President, Science Honor Society Vice President

## WORK EXPERIENCE

### Picture Show Entertainment

East Windsor, NJ

*Crew Member*

Aug 2023 - Aug 2024

- Problem solve, coordinate, and lead crew team to serve customers to the best ability.
- Ensure smooth operation of the theater, resolving customer issues, addressing technical complications, and maintaining the facilities of the theater.

## UNIVERSITY PROJECTS

### PlaNUr

Sept 2024 - Nov 2024

*Lead Developer and Project Manager*

- Led team in developing a web application that streamlines and presents all the information that Northeastern University students would need to choose a certain professor/course/section either to construct their future schedules or switch classes.
- Technical Skills: React, JavaScript, TypeScript, HTML, CSS, Git

## ACTIVITIES AND TECHNICAL EXPERIENCE

### Sandbox

*Developer*

Jan 2025 - Present

- Worked collaboratively with the project team to design and develop software features for Good Dog Licensing, a client-based project with Green Line Records at Northeastern University.
- Technical Skills: React, TypeScript, Prisma, Docker, Vercel, Tailwind CSS, HTML, Git

### FIRST Robotics Team 1807

Sept 2022 - July 2024

*Software Captain and Driver*

- Assembled and led a team of 10+ developers through brainstorming, creating, testing, and maintaining both an autonomous and teleoperated robot code base for an internationally competitive robot as a part of the FIRST Robotics Competition.
- Worked With: AprilTags, Telemetry, Network Tables, Odometry, Pose Estimation, State Machine, etc.
- Technical Skills: Java, Git, C++, Python

### National Youth Leadership Training Course

July 2021 - July 2024

*Youth Course Director*

- Oversaw, organized, and led a staff of 20+ through months of development to prepare a 10 day long course aimed to develop 60+ youth participants into effective leaders for their communities and selves.
- Facilitated the development of communication, conflict resolution, planning, goal setting, team development, and other leadership skills among participants.
- Established a sustainable leadership structure for the future of the course to ensure the program's longevity and maintain its status as a vital resource for the community.

### First Byte

Aug 2024 - Present

- Design and update a computer science curriculum aimed to teach 10th grade students different concepts of computer science.
- Deliver and present the curriculum to high schoolers, as a part of the local Boston after school program Camp Harbor View.

## SKILLS

**Extensive Knowledge of:** Java, React, Docker, Express, Prisma, TypeScript, JavaScript, Git

**Experience with:** C#, Python, C++