Gavin Normand

Millstone Township, NJ | normandgavin@gmail.com | (908) 415-5997
linkedin.com/in/gavin-normand | github.com/gavinnormand | gavinnormand.com

Education

Northeastern University   Boston, MA
Honors Candidate for Bachelor of Science in Computer Science, Minor in Mathematics   *Expected Graduation: Dec. 2027*
Cumulative GPA: 4.0 / 4.0 | Awards: Dean's List (F24, S25)
Relevant Coursework: Object Oriented Design, Fundamentals of Computer Science I/II (Accelerated), Discrete Mathematics, Foundations of Cybersecurity, Logic and Computation, Special Topics in Cloud Computing

Experience

Full-Stack Developer   Jan. 2025 – Present
Sandbox   *Boston, MA*
- Working 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.
- Engaging in weekly stand-ups with developers and designers on the project team to share updates, and coordinate next steps towards accelerating project delivery.
- Facilitating regular client meetings to present product progress and gather actionable feedback for any improvements to be made.

CS Curriculum Lead   Aug. 2024 – Present
First Byte   *Boston, MA*
- Building and strengthening partnerships with high school after-school programs to expand the reach of computer science workshops and deliver a thoroughly developed curriculum to 9th–12th grade students.
- Leading a team of 8 members in designing, developing, and updating engaging workshops that teach core computer science concepts to high school aged students.
- Coordinating and organizing workshops both on Northeastern's campus and at local Boston locations, including through Camp Harbor View, to provide students with hands-on learning experiences.

Software Captain and Driver   Sep. 2022 – Jul. 2024
FRC Team 1807   *Allentown, NJ*
- Led a team of 10+ developers through brainstorming, creating, testing, and maintaining both an autonomous and teleoperated code base for an internationally competitive robot as a part of the FIRST Robotics Competition.
- Worked with Java, Python, AprilTags, Telemetry, Network Tables, Odometry, Pose Estimation, State Machines

Youth Course Director   Jul. 2021 – Jul. 2024
National Youth Leadership Training Course   *Manalapan, NJ*
- 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.
- 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.

Projects

Good Dog Licensing | *React, Next.js, TypeScript, tRPC, Prisma, TailwindCSS, Git*   Jan. 2025 – Present
- Developing a full-stack, client-based software solution for Green Line Records at Northeastern University.
- Building and maintaining a robust set of tRPC-based API endpoints to support key product functionality tailored to the client's needs.
- Creating responsive frontend components, modals, and pages that seamlessly integrate with backend services to deliver a cohesive and user-centered experience.

PlaNUr | *React, JavaScript, HTML, CSS, Git*   Sep. 2024 – Nov. 2024
- 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

Languages: Java, Python, JavaScript, TypeScript, HTML, CSS, SQL, C++, C#, C, Racket
Frameworks & Libraries: React, Next.js, Tailwind CSS, Node.js, Bun, Flask, tRPC, Prisma, JUnit, NumPy, Pandas
Tools & Platforms: Git, Docker, ESLint, AWS, GitHub Pages, Vercel, PostgreSQL, Supabase, VS Code, IntelliJ