

Lauren Brissette

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EDUCATION

Northeastern University <i>B.S. in Computer Science, Honors, 4.00 / 4.00 GPA, National Merit Scholar</i> Relevant Coursework: Object-Oriented Design, Algorithms and Data Structures, Computer Systems	Sep. 2023 - May 2027 Boston, MA
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TECHNICAL SKILLS

Languages: Java, JavaScript/TypeScript, Python, C#, SQL, HTML/CSS
Frameworks: React, Next.js, Angular, .NET, Nest.js, tRPC, Tailwind CSS, EF Core, JUnit
Databases & Tools: PostgreSQL, Supabase, Git, Docker, Prisma, Vercel
Certifications: AWS Certified Cloud Practitioner (CLF-C02)

EXPERIENCE

Information Technology Co-Op <i>Coverys, Web and Data Team</i>	Jul. 2025 – Present Boston, MA
<ul style="list-style-type: none">Built interactive data visualization dashboards with tagging/filtering functionality using Angular and Kendo UICreated RESTful APIs for task management with role-based access control using .NET Core, C#, and EF CoreConfigured Auth0 to support role-based controller access, improving security of sensitive company data	
Software Engineering Co-Op for CS 3100 <i>Northeastern University</i>	May 2025 - Jun. 2025 Boston, MA
<ul style="list-style-type: none">Architected 5 MVP pages using Next.js and Supabase (PostgreSQL), enabling rapid adoption for 1000+ studentsDelivered scalable performance and security using row-level database permissions, edge functions, and cron jobsConfigured Supabase storage for efficient file management, optimizing retrieval times and backend performanceDeveloped network flow algorithm for grading division, cutting manual work and enhancing course-staff workflows	
Object Oriented Design Teaching Assistant <i>Northeastern University</i>	Jan. 2025 - Apr. 2025 Boston, MA
<ul style="list-style-type: none">Managed labs of 30+ students, teaching SOLID principles, TDD, MVC architecture, and debugging strategiesEvaluated 50+ Java projects providing technical feedback via grading and individual mentoring sessionsHelped students apply high-level design patterns to refine computational logic and improve user-facing functionality	

PROJECTS

Good Dog Licensing @ SandboxNU <i>Next.js, Tailwind CSS, tRPC, PostgreSQL</i>	Sep. 2025 - Present
<ul style="list-style-type: none">Redesigned core song-project matching flow in tRPC to improve user control and simplify admin responsibilityEstablished project-wide styling standards to ensure maintainable CSS and seamless dark mode implementationDeveloped modular, reusable React components, reducing development time and ensuring UI consistency	
MFA Form Automator @ SandboxNU <i>Next.js, Nest.js, Prisma ORM, PostgreSQL</i>	Sep. 2024 - Apr. 2025
<ul style="list-style-type: none">Developed digital form signature and management features enabling 750+ employees to replace paper proceduresBuilt intuitive form workflows with seamless state persistence using Next.js, ChakraUI, and React Context APIImplemented form template management service with version control, maintaining backwards compatibility for existing instances while enabling template updates	

ACTIVITIES

Honors Ambassadors Co-Chair	Oct. 2025 - Present
<ul style="list-style-type: none">Designed workshops on effective communication and audience engagement for university recruitment effortsPresented on panels to 100+ admitted students on university programs and unique opportunities for growthAnswered questions on CS curriculum, opportunities for accelerated learning, and college atmosphere	
Khoury College Student Representative	Sep. 2024 - Present
<ul style="list-style-type: none">Communicated student perspectives in small-group, early-stage discussions on CS curriculum changes with adminHeld an open discussion with Khoury Dean on promoting <i>CS for all</i> initiative amid competitive college climateHosted 100+ student town hall, gathering perspectives on career prep and experiential education to share to admin	