

Lauren Brissette

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EDUCATION

Northeastern University

Sep. 2023 - May 2027

B.S. in Computer Science, Honors, 4.00 / 4.00 GPA, National Merit Scholar

Boston, MA

Relevant Coursework: Object-Oriented Design, Algorithms and Data Structures, Computer Systems

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

Jul. 2025 – Present

Coverys, Web and Data Team

Boston, MA

- Built interactive data visualization dashboards with tagging/filtering functionality using Angular and Kendo UI
- Created RESTful APIs for task management with role-based access control using .NET Core, C#, and EF Core
- Configured Auth0 to support role-based controller access, improving security of sensitive company data

Software Engineering Co-Op for CS 3100

May 2025 - Jun. 2025

Northeastern University

Boston, MA

- Architected 5 MVP pages using Next.js and Supabase (PostgreSQL), enabling rapid adoption for 1000+ students
- Delivered scalable performance and security using row-level database permissions, edge functions, and cron jobs
- Configured Supabase storage for efficient file management, optimizing retrieval times and backend performance
- Developed network flow algorithm for grading division, cutting manual work and enhancing course-staff workflows

Object Oriented Design Teaching Assistant

Jan. 2025 - Apr. 2025

Northeastern University

Boston, MA

- Managed labs of 30+ students, teaching SOLID principles, TDD, MVC architecture, and debugging strategies
- Evaluated 50+ Java projects providing technical feedback via grading and individual mentoring sessions
- Helped students apply high-level design patterns to refine computational logic and improve user-facing functionality

PROJECTS

Good Dog Licensing @ SandboxNU | *Next.js, Tailwind CSS, tRPC, PostgreSQL*

Sep. 2025 - Present

- Redesigned core song-project matching flow in tRPC to improve user control and simplify admin responsibility
- Established project-wide styling standards to ensure maintainable CSS and seamless dark mode implementation
- Developed modular, reusable React components, reducing development time and ensuring UI consistency

MFA Form Automator @ SandboxNU | *Next.js, Nest.js, Prisma ORM, PostgreSQL*

Sep. 2024 - Apr. 2025

- Developed digital form signature and management features enabling 750+ employees to replace paper procedures
- Built intuitive form workflows with seamless state persistence using Next.js, ChakraUI, and React Context API
- Implemented 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

- Designed workshops on effective communication and audience engagement for university recruitment efforts
- Presented on panels to 100+ admitted students on university programs and unique opportunities for growth
- Answered questions on CS curriculum, opportunities for accelerated learning, and college atmosphere

Khoury College Student Representative

Sep. 2024 - Present

- Communicated student perspectives in small-group, early-stage discussions on CS curriculum changes with admin
- Held an open discussion with Khoury Dean on promoting *CS for all* initiative amid competitive college climate
- Hosted 100+ student town hall, gathering perspectives on career prep and experiential education to share to admin