Dillon Scott

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Boston, MA | Available July 2022 – December 2022 | he/him/his

Education

Northeastern University | Boston, MA   September 2020 – Present
- Khoury College of Computer Sciences, Class of 2024
- Candidate for Bachelor of Science degree in Computer Science and Biology, Honors Program, Dean's List
- GPA: 3.98 / 4.0
- Coursework: Object-Oriented Design, Algorithms and Data, Database Design, Genetics and Molecular Biology
- Extracurriculars: Sandbox at Northeastern, Husky Blood Initiative

Northwestern Lehigh High School | New Tripoli, PA   August 2016 – May 2020
- Class of 2020, Salutatorian
- National Merit Finalist, Science Olympiad State Medalist, District XI Swimming Medalist, MathWorks Modeling Challenge Triage Survivor, Dwight D. Eisenhower Award for Leadership and Service

Technical Knowledge

Languages: TypeScript | Java | HTML | CSS | R | SQL | Python | Racket   **Frameworks:** React | Vue

Experience

Project Lead, *Sandbox at Northeastern* | Boston, MA   January 2022 – Present
- Directing development on a project enabling parents and students to report educational rights violations
- Arranging meetings with client, developers, and designers to verify quality and advancement of project
- Reviewing pull requests and designs to guarantee flexibility, efficiency, and accuracy of product
- Establishing goals and assigning members to tickets based on individualized expertise and preference

Teaching Assistant, *Khoury College of Computer Sciences* | Boston, MA   January 2022 – Present
- Grading assignments and conducting labs for 100+ students in Accelerated Fundamentals of Computer Science 2
- Fostering collaboration between students during office hours and reinforcing object-oriented design concepts

Service Desk Associate, *Weis Markets* | Fogelsville, PA   May 2019 – August 2021
- Performed customer-oriented tasks including price checks, refunds, and membership registration
- Advanced communication, problem-solving, and conflict resolution skills through professional interactions
- Trained ~50 employees for new roles or promotions

Projects

EdLaw, *Sandbox at Northeastern* | Boston, MA   January 2022 – Present
- Devising user management system, allowing users to save progress and come back at a later time
- Enhancing user interface, enabling mobile users to access the tool as well as navigate between questions easily
- Integrating analytics to better understand user activity and uncover common violations
- Utilized: TypeScript, React, Next.js, CSS

Know Your Options, *Sandbox at Northeastern* | Boston, MA   August 2021 – December 2021
- Built a web application detailing contraceptive information to help women in the Northeastern community make informed decisions about reproductive health
- Developed a landing page to connect new users to different features
- Created reusable components for abstracting frontend development, including cards, toasts, and tab bars
- Designed a page template, ensuring a normalized layout across 30+ different contraceptive methods
- Implemented authentication flow leveraging JWT tokens and cookies to validate users
- Utilized: TypeScript, React, Next.js, Nest.js, JWT, Node.js, styled-components

Image Editor | Boston, MA   May 2021 – June 2021
- Constructed a downloadable program allowing users to edit, save, and load images via GUI or command-line
- Implemented over 25 distinct commands and filters including blur, sharpen, sepia, grayscale, and mosaic
- Utilized: Java, Swing