John Elliott

Boston, MA | (617) 615 7955 | elliott.joh@northeastern.edu

linkedin.com/in/jelliott2002 | github.com/jelliott2021 | johnelliott.net

EDUCATION

Northeastern University, Boston, MA   Sep. 2021 − Dec. 2024
Khoury College of Computer Sciences   GPA: 3.3/4.0
Bachelor of Science in Computer Science

> **Relevant Courses:** Fundamental of Software Engineering, Network Fundamentals, Web Development, Object-Oriented Design, Algorithms and Data, Computer Systems, Programming in C++, Database Design

TECHNICAL KNOWLEDGE

Skills: TypeScript | C/C++ | Java | Python | JavaScript | SQL | MongoDB | Angular | React | Node.js | HTML | CSS | Flask | RESTful Services | APIs | XAMMP | Shell scripting | Selenium | Junit4 | Jest
Systems: Windows | Ubuntu | Ubuntu Server | Mac OS
Applications: Git | Azure | Google Cloud | Jira | Jenkins | Confluence | IntelliJ IDEA | VS Code | DataGrip | Eclipse | Docker | Ngrok | AppSmith | Postman | Grafana

PROFESSIONAL EXPERIENCE

MEDITECH, Canton, MA
Software Developer | *Typescript, Angular, Nodejs, Google Cloud, Jest, Jenkins*   May 2025 – Present
- Designed and implemented RESTful backend services used by production healthcare software deployed across 1,000+ healthcare organizations using Angular, Nodejs, Google Cloud, Jest, and Jenkins
- Developed an Angular-based administrative web application used to create, update, and manage REST resources and configuration elements consumed by production systems
- Built full stack features spanning backend APIs and frontend administrative tooling, ensuring seamless integration between configuration workflows and runtime services

MFS Investments, Boston, MA
Software Engineer Co-op | *Java, Junit4, Selenium, Jenkins, Grafana*   Jul. 2023 – Dec. 2023
- Developed, troubleshooted, and enhanced automation scripts in Java to ensure comprehensive Quality Assurance across cross-functional teams. Utilized tools such as Jenkins, Jira, Confluence, Selenium, Excel, and Grafana to streamline and optimize the automation process.
- Spearheaded the transformation of projects like the QA Sign-off process, Performance trends, Jirafication of projects, and added multiple features to the company's Core Framework
- Served as the primary contact for various projects, collaborating with scrum teams to ensure seamless integration of QA processes

Northeastern University, Boston, MA
CS3200 Database Design Teaching Assistant | *Python, MySQL, SQLite, Flask, Ngrok, Docker*   Jan. 2023 – Apr. 2023
- Motivate students during three weeklies 2-hour office hours to provide additional support in relational algebra, SQL, MySQL DML, DDL, ER Modeling, Flask, AppSmith, Ngrok, and Docker
- Optimize grading efficiency to provide feedback to 287 students in a timely manner
- Answer student emails in a professional manner, addressing and answering concerns or issues they had

PROJECTS

Multiplayer Party Game Website | *Typescript, React, Node.js, HTML, CSS, Azure*   Nov. 2024 – Present
- Architected and deployed a full-stack multiplayer party game website supporting real-time lobby creation, session management, and gameplay
- Developed React frontend and Node.js backend managing game state, player actions, and session lifecycles

Docker Wake Up | *Typescript, Node.js, Docker, Nginx, Linux*   Jan. 2024 – Mar. 2024
- Built a wake-on-request reverse proxy that automatically starts Docker services upon incoming traffic
- Implemented health checks and idle shutdown policies to optimize server resource utilization

Personal Website | *Typescript, React, HTML, CSS, Azure*   Nov. 2024 – Dec. 2024
- Designed and deployed a personal portfolio website to showcase projects and technical experience
- Implemented a responsive and visually appealing UI with modern web design principles.

INTERESTS

Golf, Tennis, Skiing, Spikeball, Pickleball, Soccer, Track, 3D printing