John Elliott

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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: Java | C/C++ | TypeScript | JavaScript | Python | SQL | MongoDB | React | Node.js | HTML | CSS | Flask | RESTful Services | APIs | XAMMP | Shell scripting | Selenium | Junit4 | Jest

Systems: Windows | Linux | Ubuntu Server | Mac OS X

Applications: Git | Azure | Jira | Jenkins | Confluence | IntelliJ IDEA | VS Code | DataGrip | Eclipse | Docker | Ngrok | AppSmith | Postman | Grafana

PROFESSIONAL EXPERIENCE

MFS Investments, Boston, MA

QA Automation Co-op   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   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

Town of Wellfleet, Wellfleet, MA

Tennis/Pickleball Director (Seasonal)   Jul. 2016 – Aug. 2022

- Supervised 100+ children daily, ranging from 5 to 14 years old, teaching essential tennis skills
- Facilitated Tennis & Pickleball round robins & clinics, working with 30+ adults, managing cash and recording attendance to ensure proper handling of funds
- Maintained town courts and equipment to ensure use for the future

PROJECTS

Personal Website | *Typescript, ReactJS, NodeJS, HTML, CSS, MongoDB, Azure*   Jan. 2025 – Present

- Designed, developed, and deployed a personal website using React and Node.js to better display skills and past projects
- Implemented a responsive and visually appealing UI with modern web design principles.

Fake Stack Overflow Website | *Typescript, ReactJS, NodeJS, Jest, HTML, CSS, MongoDB*   Nov. 2024 – Dec. 2024

- Collaborated with a team of three in an Agile environment to plan, design, and implement new features for the application
- Developed a secure user signup and login using MongoDB, including email verification and password hashing
- Integrated both direct and group messaging capabilities, along with a notification system to alert users in-app or via email
- Created automated tests to cover all lines of code to ensure proper functioning of all features

QA Sign-off | *Java, Jenkins, Jira, Confluence, APIs*   Jul. 2023 – Dec. 2023

- Spearheaded the transformation of the QA Sign-off process, automating procedures and eliminating manual QA checks for Jira releases, contributing to a more agile and error-free release cycle

Jirafication | *Java, Jenkins, Jira, APIs*   Nov. 2023 – Dec. 2023

- Created Java classes to streamline the creation of Jira stories based on results of automation processes
- Automatically assigned to corresponding point-person, Epic, Label, and Component

INTERESTS

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