Ahmet Murat Acar

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Work Experience

Global Trading Development and Management LLC   **Aug 2022 - Present**
QA Automation Engineer   *Houston, TX (Remote)*
- Collaborated in AGILE teams to develop and test full stack desktop and web applications for the differing needs of varying industries.
- Utilized Playwright and JavaScript to automate end-to-end testing, ensuring functionality and performance across different platforms.
- Performed rigorous API testing identifying and resolving 100% of critical defects before production, ensuring high reliability, performance, and security compliance.
- Designed, implemented, and maintained CI/CD pipelines with a failure rate below 1%, optimizing deployment efficiency and ensuring seamless software delivery.

Meshak & Samitto   **Feb 2022 - Aug 2022**
QA Automation Engineer   *Istanbul, Turkey (Remote)*
- Developed a robust Behavior-Driven Development (BDD) framework using Cucumber, Selenium, and Java, enabling seamless collaboration between technical and non-technical stakeholders by defining test scenarios in Gherkin syntax.
- Executed and maintained automated regression test suites for web applications, reducing manual testing time by 40%.
- Conducted comprehensive database testing by connecting (JDBC) Java-based test automation frameworks to various database systems such as Microsoft SQL Server and Oracle DB.

California State University Northridge   **Dec 2019 - Dec 2021**
Research Assistant, Analytical Chemistry Department   *Los Angeles, CA*
- Decreased lead time effects by 20% and increased the range of time to digital converters by 15% in ToF-SIMS experiments by creating multiple designs of multi-anode mass spectrometer detectors using SOLIDWORKS.
- Trained neural networks on mass spectral data using MATLAB tools to analyze samples with slight chemical differences, identifying specific ions, surface composition, and statistical correlations between ion ejections.

Projects

Grabby   **Jan 2024 - May 2024**
Personal Project
- Created a website for college students to stay on top of classes and stay organized. It allows students to add all important dates to Google Calendar by simply uploading a syllabus.
- Utilized OpenAl's GPT API to accommodate for varying types of syllabus formats.
- Coded using Javascript, Node, ExpressJS, EJS, and Bootstrap CSS.

CrossSeq   **Mar 2023 - Sep 2023**
Personal Project
- Developed a desktop application for generating custom graphical representations comparing and contrasting coding regions of mRNA FASTA sequences. Applied in classroom settings and figures for research papers.
- Coded completely in Python leveraging OOP principles with no external libraries used for the DNA analysis.

Skills

- **Programming Languages**: Python, JavaScript, Java, Go, HTML, CSS, SQL
- **Technologies**: Playwright, Selenium, Cucumber, Gherkin, AGILE, Jira, TestNG, Postman, PostgreSQL, SQLite, Git, Github, Netx.js, React, EJS, Node, Bootstrap, Tailwind, jQuery, Docker, OOP, Unix, REST API
- **Social**: Public Speaking, Presentation, Communication Skills, Strong Writer, Demonstrable Teamwork

Education

California State University Northridge   **Aug 2017 - Dec 2021**
Bachelor of Science, Biotechnology, Chemistry
- **Achievements:** Graduated cum laude