

SYEDA KHADIJA ZAHRA TIRMAZI

+16175992174 | itstirm@gmail.com | San Francisco, CA | [linkedin.com/in/s-khadija-tirmazi-0ba173295/](https://www.linkedin.com/in/s-khadija-tirmazi-0ba173295/)

SKILLS

Languages: Python, Java, JavaScript, React.js, Next.js, HTML/CSS, Ruby on Rails, SQL, Node.js, GraphQL

PROFESSIONAL EXPERIENCE

Pure Storage

Santa Clara, CA, USA

Software Engineer

January 2023 - May 2024

- Developed automated testing tools using Python to identify and correct network misconfigurations.
- Reduced pseudo misconfigured arrays from 80% to 20% through automated network configuration resets.
- Utilized data structures and scripting for robust automatic remediation solutions, ensuring consistent and accurate configurations

Brandeis University

Waltham, MA, USA

Lead Teaching Assistant

July 2022 - December 2022

- Led and coordinated a team of teaching assistants, managing schedules and delegating tasks to ensure effective support for over 100 undergraduate students.
- Designed and conducted weekly lab sessions and review classes, enhancing student understanding of complex operating systems concepts and improving course engagement.

Pure Storage

Mountain View, CA, USA

Software Engineer Intern

May 2022 - August 2022

- Developed and implemented a robust Access Control Service using REST endpoints, significantly enhancing data integrity and security across network systems.
- Conducted comprehensive testing to ensure robust protection of internal data structures, coupled with optimizing SQL queries to improve system performance and efficiency.

Brandeis University

Waltham, MA, USA

Teaching Fellow

January 2021 - May 2022

- Guided senior-level students through the completion of their capstone projects, emphasizing software development lifecycle, team collaboration, and project management.
- Coordinated with industry professionals to provide students with real-world insights and exposure, enriching their learning experience and professional readiness.

EDUCATION

Brandeis University

August 2019 - December 2022

Bachelor's, Computer Science

GPA: 3.6

- Minor: Psychology, Dean's List, Cum Laude, Grace Hopper Celebration Scholarship '22, Hopper Volunteer '23

PROJECTS & OUTSIDE EXPERIENCE

Caption-Y

Boston, MA, USA

Software Engineer

January 2022 - May 2022

- Built a search engine using Elastic Search with Python flask on the back-end and React.js on the front-end
- Utilized external API's to populate the database with information on movies and series (plots and captions)
- Technologies: Flask, Python, React.Js, Information Retrieval
- [Link to project](#)

imgEditor

San Francisco, CA, USA

Front-End Developer

- Developed responsive user interfaces using HTML5, CSS3, and JavaScript for the imgEditor project.
- Ensured cross-browser compatibility and optimized performance with frameworks like React.js.
- Implemented accessibility standards and UI/UX best practices to enhance usability across various devices and platforms.
- [Link to project](#)