

# Areen Khalaila

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## EDUCATION

### Brandeis University

Waltham, MA

*Bachelor of Science in Computer Science and Physics | GPA 3.8*

*Expected May 2025*

- Awards & Honors: The Malkin Israeli Endowed Scholarship, Dean's List all semesters
- Relevant Coursework: Fundamentals of Software Engineering, Discrete Structures, Computer System Design, Operating Systems, Data Structures, OOP, Intro to Python, Probability and Statistics, Linear Algebra
- Certifications: Computer Vision with OpenCV and Deep Learning

## EXPERIENCE

### Website Editor

June 2023 – Present

*Crown Center for Middle East Studies*

*Waltham, MA*

- Collaborated with the team to enhance Crown Center's website layout and features using CMS templates and tools
- Migrated Crown publications to ScholarWorks portal, ensuring organized entries and improved accessibility
- Updated website content in adherence to accessibility guidelines for a user-friendly experience

### Teaching Assistant: Computer Science Courses

Jan 2022 – Present

*Brandeis University*

*Waltham, MA*

- Teach students in Cosi 21a (Data structure and Algorithm), Cosi 12 (Java OOP), and Cosi 10a (Intro to Python)
- Conduct weekly office hours, grade assignments and exams and edit course material
- Enhance students' grasp of Object-Oriented Programming and Data Structures

### Software Engineer intern: TAMID Group Technology Consulting

Sep 2022 – Dec 2022

*TAMID Group at Brandeis University*

*Waltham, MA*

- Selected as a software engineer intern to provide technology consulting services to Israeli client companies
- Built a chatbot for teachers, integrating with Google Chat and Classroom using Google API
- Improved teacher communication and learning by seamlessly integrating the chatbot with Google Classroom

### Peer Tutor of Computer Science and Math - TRIO SSSP

Aug 2022 – Dec 2022

*Brandeis University*

*Waltham, MA*

- Tutored first-generation students in computer science and mathematics courses
- Improved academic performance through personalized support and guidance
- Supported first-gen students in computer science and mathematics courses, enhancing academic performance

## PROJECTS

### Classical Music Blog | C#, ASP.NET, HTML/CSS, SQL

Sep 2019 – May 2020

- Designed and implemented a full-stack blog providing CRUD operations on users and music
- Selected by the Computer Science Department at school to present my website to a class of 35+ students
- Leveraged knowledge in relational databases, backend, and frontend development

### GPT-based Web Apps | Python, Flask, HTML/CSS

Mar 2023

- Developed Flask-based web apps utilizing GPT and prompt engineering to generate valuable user responses
- Demonstrated effective use of Git for version control and project management
- Demonstrated proficiency in web development and teamwork skills

### Creative Express App with chatGPT | Express, Mongoose, MongoDB, EJS + OpenAI

May 2023

- Developed a full-stack web app that utilizes OpenAI's chatGPT API to generate responses to user queries
- Implemented user authentication and data storage of API requests using Express and Mongoose
- Demonstrated proficiency in backend and frontend development with technologies such as EJS and MongoDB

## TECHNICAL SKILLS

**Skills:** Java, Python, C#, Bash and shell scripting, ASP.NET, HTML/CSS, JavaScript, Git, Node.js, Express.js, EJS, REST, APIs, Databases