Areen Khalaila

Waltham, MA 02453 | 857-384-1792 | areen.khalaila@gmail.com | www.linkedin.com/in/areenkh

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

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 (text and images) in adherence to accessibility guidelines for a user-friendly experience

Teaching Assistant: Advanced Programming Techniques in Java — Aug 2022 – Present
Brandeis University — *Waltham, MA*
- Taught a class of 100+ students on advanced programming techniques in Java
- Conducted weekly office hours, graded assignments and exams using JUnit tests and edited course materal
- Enhanced 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-generation students in computer science and mathematics courses, enhancing academic performance

Teaching Assistant: Introduction to Problem-Solving in Python — Jan 2022 – Aug 2022
Brandeis University — *Waltham, MA*
- Assisted in teaching an Introduction to Problem-Solving in Python course
- Improved students' problem-solving and coding skills, edited course material and graded assignments and exams

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

Programming Languages: Java, Python, C#, SQL, JavaScript, Bash and shell scripting
Web Development: ASP.NET, HTML/CSS