Shaina Slavin

Computer Science Student | Full-Stack & Front-End Developer

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SUMMARY

Computer Science student with hands-on experience in React, JavaScript, Swift and Python. Currently developing cross-platform applications focused on AI integration, privacy management and community impact. Strong foundation in algorithms, data structures and modern software development practices.

EDUCATION

B.Sc. in Computer Science

The Open University of Israel

2024 – Present

- Advanced coursework: Data Structures, Algorithms, Web & Mobile App Development
- Foundation in advanced mathematics and physics

Mechina (Preparatory Program)

The Hebrew University

2021 – 2023

- Intensive preparation for Computer Science degree with advanced mathematics and physics
- Developed strong programming fundamentals

TECHNICAL SKILLS

Languages

JavaScript, Python, Java, Swift, HTML5, CSS3, C++ (learning), Go (learning)

Frameworks & Tools

React, Node.js, Express, REST APIs, Git, GitHub, Xcode, Salesforce, Figma

Concepts

OOP, Algorithms, Data Structures, UI/UX Design, Debugging & Testing, OAuth 2.0

SOFTWARE PROJECTS – IN DEVELOPMENT

Smart Context Companion | Currently Developing

Cross-Platform AI Productivity Suite

- Building Flutter and Kotlin Multiplatform app for unified Google Services access
- Implementing OAuth 2.0 authentication for Google Drive, Calendar, Gmail, Maps
- Creating modular "Action Packs" system for extensible functionality
- Developing privacy-first on-device ML using Core ML and TensorFlow Lite
- Establishing CI/CD pipeline with GitHub Actions for automated testing and deployment

Anti-Hallucination AI System | Currently Developing

RAG-Enhanced Language Model Platform

- Building Retrieval-Augmented Generation system to improve AI output accuracy
- Developing cross-platform clients with Swift/SwiftUI and Xcode
- Implementing real-time fact-checking pipeline with confidence scoring
- Creating explainable AI modules for transparent output validation
- Applying RLHF techniques for continuous model improvement

FinePrint | Currently Developing

Privacy Management Web & Mobile Application

- Developing React web app with SwiftUI mobile companion
- Implementing secure authentication and family account controls
- Building privacy policy analysis tool with user-friendly summaries
- Designing accessibility-first UI for complex privacy settings

OurBigKitchen App | Currently Developing

Community Volunteer & Food Rescue Platform

- Building full-stack web application with modern JavaScript framework
- Developing native iOS app for volunteer coordination
- Creating real-time notification system for urgent needs
- Implementing location-based matching algorithms for efficient service delivery
- Designing rescue coordination to reduce waste and support communities

EXPERIENCE

Program Coordinator, Support for Israel War Effort

Israel

Oct 2023 – Present

- Coordinated academic and social support programs for 200+ displaced children
- Organized tutoring, enrichment activities and emotional support services

Ambassador, Gift of Life Marrow Registry

Israel

2023 – Present

- Recruited 2,000+ bone marrow swabs, focusing on minority outreach
- Led awareness campaigns and facilitated donor drives
- Contributed to 6 successful patient matches

Curriculum Developer

Jean Schottenstein Oryah Institute

2021 – 2022

- Collaborated with educators to design student-centered curriculum
- Integrated technology to enhance learning outcomes

VOLUNTEERING & LEADERSHIP

Our Big Kitchen (OBK), Sydney, Australia

Volunteer Administration & Leadership

2020 – 2021

- Coordinated diverse volunteer teams in impactful service activities
- Implemented Salesforce for operations management and engagement tracking

Step Up Ethiopia

Volunteer

2020

- Recruited volunteers; partnered with UN to provide education and therapy for South Sudanese refugees

Camp YEKA (Ukraine)

Fundraiser & Counselor

2019

- Organized therapeutic programs for Ukrainian Jewish orphans
- Led fundraising to secure resources for children's needs

AWARDS & ADDITIONAL

VATAT Scholarship for Preparatory Studies, Hebrew University (2021)

Second Place, International Essay Competition (2020)

Languages: English, Hebrew (fluent); Yiddish (conversational)

Portfolio: s-slavin.github.io