






# Shaina Slavin

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

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## SUMMARY

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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](https://s-slavin.github.io)