

# Tymofii Bezverkhyi

IOS Software Engineer

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## Experience

### Microsoft

Software Engineer Intern

06/25 - 10/25

- Building and maintaining Azure Durable Functions and orchestrator logic
- Working with Cosmos DB and other Microsoft Azure services to ensure data consistency and scalability
- Collaborating closely with other engineers to deliver scalable and maintainable backend components

### Apple's Swift Student Challenge '25 Distinguished Winner

12/24 - 01/25

With "Breezi" App

- Designed and developed a competitive iOS and iPadOS application from scratch using SwiftUI
- Implemented a full app lifecycle with persistence, concurrency, animations, and accessibility in mind
- Followed modern Apple development practices, including Apple's Human Interface Guidelines, focusing on performance, accessibility, and user experience
- Was named one of 50 global winners of the Swift Student Challenge

### KSE mentoring space

10/23 - 08/24

Project manager & Head of IT mentoring school

- Collaboratively, we have successfully raised the GPA of mentees in IT subjects by 40%
- Developed a systematic plan outlining the methodology for effectively explaining and creating distinctive tasks and assignments
- Successfully established a stable and self-sufficient system for mentors to achieve a high degree of independence
- Enhanced my abilities in collaboration, project management, lecturing, and leadership

## Education

### Dublin City University

09/24 - 05/28

Computer Science, School of Computing | Dublin, Ireland

- Finished 1st year with 1:1 GPA

### Kyiv School of Economics

09/23 - 08/24

Software engineering & business analysis | Kyiv, Ukraine

- Was given a grant of over €12,000
- Completed the first year with average GPA over 94 out of 100
- Established a local IT mentoring space
- Successfully finished 3-month start-up accelerator's course (KSE startup ecosystem)
- Initiated my first startup, gathered the team and sold it

## Certifications

### Foundations of Project Management

Google Career Certificates

Gained PM, organizational structure and culture skills

### Introduction to iOS Mobile Application Development

Meta

Improved OOP skills and Swift language syntax

Gained iOS app development skills

## Skills

### Hard skills

#### - Programming languages:

Swift, C#, C++, C, Python

#### - Software Engineering:

Object-Oriented Programming (OOP), Concurrent & Asynchronous Programming, Multi-Paradigm Design, Functional Programming Principles, Software Development Life Cycle (SDLC), Unit & Integration Testing, Safe Error Handling, Use Case Documentation, Code Reviews

#### - Apple Development:

SwiftUI, UIKit (basic), Core ML, Keychain, App Sandbox, Apple Design Code, iOS Security Best Practices, App Lifecycle Management, Xcode, Interface Builder, App Store Guidelines, Accessibility Integration, Swift Concurrency

#### - System & Infrastructure Design:

Distributed Systems Fundamentals, Fault-Tolerant Architecture, Complexity Management, Large-Scale System Design, Platform Reliability Principles, Backend-to-Frontend API Integration

#### - DevOps & Site Reliability Engineering

Continuous Integration & Deployment (CI/CD), Automation of Operational Workflows, Incident Triage & Root Cause Analysis, Performance Monitoring, Debugging in Production, Infrastructure Observability (Azure, GitHub Actions)

#### - Cloud & Tools

Azure (Durable Functions, Cosmos DB), Google Firebase, REST APIs, Git & GitHub, Docker, Xcode, Unix/Linux, Networking Fundamentals

#### - Security & Performance

iOS Secure Data Handling (Keychain, Data Protection), App Sandboxing, Performance Optimization, Accessibility Compliance, Algorithm Efficiency, Monitoring of Uptime & Resource Usage

#### - Other Technologies

.NET, SQL, NoSQL (MongoDB), Angular (basic), Unity (basic), PowerShell (basic), Google Cloud (familiarity)

## Projects

### Breezie App

Apple's Swift Student Challenge Distinguished winner '25

- Swift & SwiftUI based app with breathing techniques
- Interactive & responsive design
- Clean code structure
- Fully accessible

### Photo Encryptor app

IOS app for encrypting images

- Swift & SwiftUI-based app, written using SOLID & OOD principles
- Clean code structure
- Apple's Keychain usage implemented

### Functional-Style Interpreter

C++ interpreter for arithmetic expressions & custom functions

- Introduced elements of functional programming
- Developed a Python test scripts
- Project emphasized multi-paradigm design & safe error handling

### More Projects

## Soft skills

Problem Solving, Critical Thinking, Teamwork, Communication, Proactivity, Technical Documentation Writing, Project Ownership, Adaptability, Fast Learning, Sociable, Diligent, Hard-working, Punctuality