Tymofii Bezverkhyi
Software Engineer

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Experience

Microsoft   06/25 - 10/25
Software Engineer Intern

– 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, Ukrane

– 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

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

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:**
  C++, C#, C, Python, Swift

– **Software Engineering:**
  Object-Oriented Programming (OOP), Multi-Paradigm Design, Functional Programming Principles, Software Development Life Cycle (SDLC), Software Testing, Safe Error Handling

– **System & Infrastructure Design:**
  Distributed Systems Fundamentals, Fault-Tolerant System Design, Complexity Analysis, Large-Scale System Design, Platform Reliability Principles

– **DevOps & Site Reliability Engineering**
  Continuous Integration & Continuous Deployment (CI/CD), Automation of Operational Tasks, Incident Triage & Root Cause Analysis, Performance Monitoring, Infrastructure Observability, Debugging in Production Environments

– **Cloud & Tools**
  Docker, Microsoft Azure, Cosmos DB, Google Firebase, Cloud Databases, Git & GitHub, Xcode, Core ML, Unix/Linux, Networking Fundamentals

– **Security & Performance**
  Secure Data Handling (Keychain), Efficient Algorithms, Accessibility & Performance Optimization, Monitoring of Uptime and System Capacity

– **Other Technologies**
  .NET, SQL, NoSQL (MongoDB), REST APIs, Angular, Unity, PowerShell (basic), Google Cloud ecosystem familiarity