

Andrew Kostryba

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EDUCATION

DePaul University | B.S. in Computer Science - GPA: **3.97/4.0**

Graduation Date: May 2025

Coursework: Web Applications, Object-Oriented Software Development, Database Systems, iOS Development, Android Development, Optimized C++, Data Structures, Algorithms, Computer Systems, Software Testing, Distributed Systems

SKILLS

Languages: Python, Java, C#, .NET, HTML/CSS, JavaScript, TypeScript, React, Swift, Rust, SQL, C, Scala, WebAssembly

Technologies/Frameworks: VS Code, Xcode, Node.js, Oracle SQL Developer, SSMS, Git, Docker, Azure, Redux, Next.js, SQLite, Jira

TECHNICAL EXPERIENCE

Guarantee Trust Life | Application Development Intern

June 2024 - August 2024

- Developed and debugged features for two large-scale web applications using **React**, **Redux**, and **Next.js** on the **Azure** platform, enhancing user experience and scalability.
- Built and maintained **.NET Core Web APIs** and optimized SQL stored procedures using **SSMS**, resulting in improved integration between frontend and backend systems and enhanced data processing performance.
- Implemented **CI/CD pipelines** using **Azure DevOps**, ensuring smooth and efficient deployments to Quality Assurance environments.
- Collaborated within an **Agile** environment, using **Jira** for task management and contributing to sprint goals.

PROJECTS

Mock Twitter Web Application

- Developed a full-stack web application with **React**, **JavaScript**, and **Node.js** that enables users to create profiles, post content, follow users, view feeds, and interact with content.
- Created a **.NET REST API** for data retrieval, storage, and modification from a **SQLite** database.
- Integrated **OAuth** authentication to secure API endpoints, providing user verification and secure access control while protecting sensitive user data.

Driving Score Tracker iOS App

- Leveraged Apple's **Core Motion** and **Core Location** frameworks to develop a driving behavior assessment mobile application, capable of tracking and analyzing speed, acceleration, and movement patterns in real-time.
- Designed and implemented a sleek, intuitive user interface using **SwiftUI**, featuring an interactive dashboard with detailed insights into user driving analytics.

Fantasy Football Start/Sit Tool

- Built a full-stack web application with **Rust** and the **Rocket API**, enabling users to compare projections and statistics for making informed start/sit decisions in fantasy football.
- Leveraged Rust's ownership system and error handling mechanisms to ensure resource-effective and reliable code.

Fitness Management iOS App

- Developed a fitness app in **UIKit** to help users manage their weekly workout routines and track their exercise history with **Core Data**, providing intuitive editing functionalities.
- Integrated **HealthKit** to display real-time activity metrics, such as heart rate, promoting health awareness and progress tracking.

Other: CTA Live Train Tracker App (SwiftUI), New York Times Wordle Guesser Bot (Python), [Personal Portfolio Website](#)

WORK EXPERIENCE

Ukrainian School of Dance | Assistant Dance Instructor

September 2021 - Present

- Assisted lead instructors in teaching choreography, enhancing dance skills for various age groups.
- Demonstrated leadership by managing choreography and organizing recital show logistics efficiently.

Chipotle Mexican Grill | Crew Member

June 2022 - June 2024

- Improved team productivity by effectively communicating with coworkers and customers.
- Recognized as "Employee of the Month" for consistent outstanding performance and dedication.
- Consistently exceeded daily service goals through strong collaboration and teamwork.

HONORS

- International Baccalaureate Diploma Recipient**
 - Awarded for proficiency in a wide range of highly rigorous academic subjects.
- Dean's List**
 - Achieved for all attended terms at DePaul University.