Nikolai Grigorev

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EDUCATION

University of Colorado Boulder Jun. 2026 – Expected May 2028
M.S. in Artificial Intelligence *Boulder, CO*

New York City College of Technology, The City University of New York Sep. 2024 – May 2026
A.A.S. in Computer Information Systems, GPA: **3.62** *Brooklyn, NY*
Coursework: Data Structures, Algorithms, Object-Oriented Programming, Applied Machine Learning, Artificial Intelligence

TECHNICAL SKILLS

Languages: Swift (SwiftUI), Python, Java, SQL, HTML/CSS
Infrastructure/Tools: Xcode, CoreData, Git, Figma, MySQL, PyTorch, MySQL, Unix
ML/AI: PyTorch, Prompt Engineering

CERTIFICATION

Meta iOS Developer Professional Certificate | *Coursera* (1WCQA9QXHV0G) Jan 2026
- Completed 12-course curriculum covering Swift fundamentals, SwiftUI layouts, and mobile UI/UX principles.
- Mastered mobile architecture patterns (MVVM) and integrated complex data using CoreData and APIs.

PROJECTS

Little Lemon App | *Swift, SwiftUI, CoreData, JSON API*
- **GitHub Repository:** github.com/nikolai-gr/Little-Lemon-iOS
- Developed a restaurant booking application following the **MVVM** architectural pattern for scalable code.
- Implemented **CoreData** for local persistence, enabling offline menu access and profile management.
- Integrated **URLSession** to fetch menu data, utilizing @Published properties for real-time UI updates.

EXPERIENCE

iOS Developer (Intensive Training) Feb. 2026 – Present
Hacking with Swift (100 Days of SwiftUI) *Remote*
- Mastering advanced **Swift** architecture through an intensive curriculum, focusing on Protocol-Oriented Programming (POP), closures, and memory management.
- Architecting and deploying a portfolio of 19+ applications to master **State Management**, complex **Animations**, and declarative UI patterns.
- Applying **Clean Code** principles and Apple's Human Interface Guidelines to ensure high scalability and professional-grade user experiences.

iOS Developer (Professional Certification Project) Dec. 2025 – Jan. 2026
Meta *Remote*
- Engineered a production-ready restaurant application using **SwiftUI** and **CoreData**, implementing persistent storage for offline menu access and user profiles.
- Architected networking layers utilizing **URLSession** and **JSON** parsing to fetch and synchronize real-time menu data from remote APIs.
- Translated high-fidelity **Figma** wireframes into functional code, ensuring pixel-perfect UI execution and seamless user navigation flows.
- Leveraged the **MVVM** architectural pattern to decouple business logic from UI, improving code maintainability and testability.

Kitchen Staff May 2024 – Aug. 2024
Pilot Restaurant *New York, NY*
- Streamlined high-volume kitchen operations during peak service hours, ensuring 100% adherence to quality and presentation standards.
- Optimized ingredient management and prep workflows, contributing to a measurable reduction in kitchen preparation time through efficient organization.