

# Nikolai Grigorev

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## EDUCATION

<b>University of Colorado Boulder</b> <i>M.S. in Artificial Intelligence</i>	Jun. 2026 – Expected May 2028 <i>Boulder, CO</i>
<b>New York City College of Technology, The City University of New York</b> <i>A.A.S. in Computer Information Systems, GPA: 3.62</i> <b>Coursework:</b> Data Structures, Algorithms, Object-Oriented Programming, Applied Machine Learning, Artificial Intelligence	Sep. 2024 – Expected May 2026 <i>Brooklyn, NY</i>

## TECHNICAL SKILLS

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

<b>Meta iOS Developer Professional Certificate</b>   <i>Coursera (1WCQA9QXHV0G)</i> • 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.	Jan 2026
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## PROJECTS

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

<b>iOS Developer (Intensive Training)</b> <i>Hacking with Swift (100 Days of SwiftUI)</i> • Mastering advanced <b>Swift</b> 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 <b>State Management</b> , complex <b>Animations</b> , and declarative UI patterns. • Applying <b>Clean Code</b> principles and Apple's Human Interface Guidelines to ensure high scalability and professional-grade user experiences.	Feb 2026 – Present <i>Remote</i>
<b>iOS Developer (Professional Certification Project)</b> <i>Meta</i> • Engineered a production-ready restaurant application using <b>SwiftUI</b> and <b>CoreData</b> , implementing persistent storage for offline menu access and user profiles. • Architected networking layers utilizing <b>URLSession</b> and <b>JSON</b> parsing to fetch and synchronize real-time menu data from remote APIs. • Translated high-fidelity <b>Figma</b> wireframes into functional code, ensuring pixel-perfect UI execution and seamless user navigation flows. • Leveraged the <b>MVVM</b> architectural pattern to decouple business logic from UI, improving code maintainability and testability.	Dec 2025 – Jan 2026 <i>Remote</i>
<b>Kitchen Staff</b> <i>Pilot Restaurant</i> • 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.	May 2024 – Aug 2024 <i>New York, NY</i>