Christian Lopez

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Senior Engineer at Apple, focused on AI and designing novel experiences—in Python, React, Swift, and more—that feel closer to science fiction than software. Led Apple features from concept to launch, reaching over a billion users.

AT APPLE

Senior Engineer in Applied AI   2023 › Present

Leading a startup-like team, focused on building an AI-based system, completely reimagining user interactions with software, along with creating and implementing security mitigations.

Built Interlinked, an internal AI framework + platform, along with a chat interface. Used by 30k+ corporate employees to integrate AI into workflows, and supporting our largest AI Slack channel at Apple, with 12k+ members.

Senior Engineer in Security   2019 › 2023

Single-handedly built security.apple.com for encrypted vulnerability submissions, designing its state-of-the-art security architecture. Created Apple's entire Product Security vulnerability intake and bounty infrastructure.

Co-architected and built the foundation and some key features of Lockdown Mode, a Apple feature designed to protect devices against highly-sophisticated attacks. Worked with cross-functional teams adopt the framework.

Security Researcher (Externally)   2017 › 2019

In-parallel to full-time role, created the first iOS 10.2.1 jailbreak, with over 1 million downloads.

Security-researched Apple platforms and identified vulnerabilities across the OS, rewarded through the bounty program. Assigned 25+ CVEs.

BEFORE APPLE

Vertical Trail: Software Developer   2017 › 2019

Developed key features for a fundraising platform with over a 100k concurrent users.

Built a system for the American Medical Association (AMA) that automates complex operations, completely replacing manual workflows.

Helped and mentored interns.

GAD Technology LLC: Software Developer   2016 › 2017