

CURRICULUM VITAE – ARTHUR GUIOT

PERSONAL INFORMATION

Arthur Guiot
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Active open-source contributor with 7,500+ contributions and 2,000+ stars on GitHub



PROFESSIONAL OBJECTIVE

Software engineering student with 8 years of experience in application development, website optimization, and blockchain technology. Seeking to leverage technical expertise in developing high-performance financial applications and distributed systems to drive innovation in the technology and finance sectors.

SKILLS

User Facing: Next.js, Tailwind, React, SwiftUI, UIKit, AppKit

Business Logic: TypeScript, Python, Swift, C & C++, SQL, Solidity, Rust

Other Technologies: Git, Linux, AWS, Kubernetes, DevOps, Docker

Professional Skills: Leadership, Project Management, Client Communication, Fund raising

Languages: French, English

FEATURED PROJECTS

• Euclid Calculator

A completely redesigned calculator for macOS and iOS with a 4.5-star rating across countries. Recommended by SetApp, with over 50K paid downloads across platforms.

• MUWP Pay

A universal token swapper across multiple chains that processed over \$20K in transaction volume within the first three months, implementing DeFi principles and account abstraction.

• Portfolio Manager

Automatic crypto portfolio management system that grew from 0 to \$100K AUM within three months of deployment. Features extensive backtesting capabilities for finance and quantitative models serving hundreds of clients.

EDUCATION

Santa Clara University, California

September 2023-June 2025

Bachelor of Computer Science

Florida Polytechnic University, Florida

January 2021-September 2023

Bachelor of Computer Science (transferred to SCU)

EXPERIENCE

Freelance Developer Pr1mer Tech

September 2023-Present

Achievements:

- Solved complex problems for various companies in record time
- Built solutions from the ground up for different business needs
- Developed custom tools across multiple domains (e-commerce, DeFi, apps)
- Implemented innovative solutions for challenging technical requirements

Blockchain Engineer EveryFinance

January 2024-March 2025

Achievements:

- Built financial tools and backtesting framework generating 85% APR (averaged across 5 years) for the Alpha portfolio
- Reduced processing times from 5-15 seconds to 1-3 seconds, and significantly improving user experience
- Centralized infrastructure state across 20+ microservices and implemented CI system for seamless deployment across cloud providers

Blockchain Engineer Intern PyratzLabs

May 2023-August 2023

Achievements:

- Designed and built an arbitrage bot with theoretical potential profits of 75 ETH per week based on internal research
- Worked on a portfolio optimization tool that informed investment strategy decisions
- Helped build SecurD, a revolutionary lending & borrowing protocol on Ethereum chains