Paul-Arthur Asselin

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French citizen, green card holder

EXPERIENCE

Leif, Senior Software Engineer (Full-Stack), *New York, NY* · 2018 - Current

· Second hire, wrote software across the lending stack (origination, servicing & financing) going from $0 to $15MM in monthly origination volume (identity/kyc, credit underwriting, onboarding) & corresponding financial infrastructure (payment orchestration & reconciliation, ledgers)
· Built services to process over $150MM using Stripe, Plaid & Modern Treasury
· Developed and implemented software infrastructure (AWS, CI/CD, logging/observability, product analytics, databases, 3rd party API integrations) & security processes (server hardening, secrets management, SSO & 2FA implementation)
· Collaborated closely with non-technical colleagues and counterparties across finance, legal, and operations to define and execute company growth strategy

IK Partners, Summer Analyst (Denmark & Norway), *London, England* · 2016

· Evaluated revenue opportunities and identified M&A targets for companies in IT outsourcing, aquaculture & offshore services; reported findings in 45-page investment memorandums
· Conducted in-depth due diligence on a food & beverages conglomerate (∼$150m revenue)

PROJECTS

nonfinito.xyz a tool to run and share evaluations of multimodal models; supporting hundreds of models and automated evaluators (e.g. pass/fail, factual consistency, logical assertion) · 2024

EDUCATION

University of Pennsylvania, *Philadelphia, PA* · 2018
School of Engineering & Applied Science - Bachelor of Applied Science
Major: Computer Science **Minor:** Engineering Entrepreneurship
Coursework: Algorithms, Computer Architecture, Machine Learning, Cog Sci, Distributed Systems

Lycée Français Charles de Gaulle, *London, England* · 2014

SKILLS

Programming	Python, TypeScript, JavaScript, HTML & CSS, SQL, C
Tools	git, React, Vue, CI/CD, LLMs, IaC, Docker, UNIX, AWS, LaTeX, Figma
Languages	English, French (Native), Spanish (Basic)

INTERESTS

hardware, marathons, cooking for friends, AI research, DeFi, growth engineering & thoughtful design