# Adrien Lacquemant *Software Engineer*

Brooklyn, NY 11206

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## SUMMARY

Experienced software engineer skilled in designing, implementing, and refining large scale distributed systems. Known for innovative problem-solving and effective project management, excelling in developing scalable code and fostering strong collaborative relationships. A proven leader in guiding diverse teams, driving continuous improvement, and crafting applications that balance technical precision with user needs.

## CORE COMPETENCIES

Requirements Assessments — Troubleshooting — Best Practices — Continuous Process Improvements — Reporting — Mentoring — Research — Documentation

## TECHNICAL COMPETENCIES

Quality Assurance — Risk Identification / Mitigation — Compliance — Analytics — Metrics — Legal / Regulatory Guidelines

## EXPERIENCE

**WhatsApp** — New York, NY
*Senior Software Engineer - Product Foundations* — *April 2022 - July 2023*

- Launched Communities feature, improving user engagement and adoption targets.
- Championed a cross-functional effort to transition user identifiers from phone numbers to internal identifiers, significantly enhancing system resilience and user privacy.
- Improved existing endpoint latencies by up to 40% in the context of Communities, markedly improving response times and system performance.
- Developed and integrated GDPR-compliant reporting features, upholding WhatsApp's adherence to strict data protection regulations.
- Contributed to key backend projects, including Group Join Request, enhancing user experience for WhatsApp's extensive 2.5 billion user base.
- Increased operational proficiency by proactively participating in production issue resolutions and on-call handoff meetings.

**Bloomberg L.P.** — New York, NY
*Senior Software Engineer - Trading & Analytics* — *May 2018 - March 2022*

- Designed, built and released new features to Bloomberg's full stack trading platform framework, while maintaining system stability.
- Led cross-functional team projects and deliver them successfully.
- Drove the adoption of new technologies and improvement of development practices (TypeScript, React, state-management).
- Mentored others and encourage knowledge sharing in order to drive the growth of the team.

**Fullstack Academy of Code** – *major coding bootcamp* — New York, NY
*Teaching Fellow* — *Dec 2017 - Apr 2018*

- Led code reviews and acted as a project manager for 4 teams of junior software engineers.
- Code paired, debugged/mentored technical concepts and best practices to 50 students on a daily basis.
- Conducted technical interviews in JavaScript for prospective students 2 to 3 times a week.

**Ara Global Group** – *medium sized electronics wholesaler* — New York, NY
*Software Engineer* — *May 2016 - Apr 2018*

- Spearheaded re-engineering project to improve/automate asset processing and cataloging, reducing processing time by 25%.
- Developed an in-house SaaS for systematic asset and sales monitoring per device leading to 20% in increased revenue.
- Wrote a data validation tool in JavaScript that ensured the accuracy of inventory and sales data feeds.

**BISAM, Inc.** – *financial software vendor* — New York, NY
*Product Support Analyst* — *Jan 2015 - Apr 2016*

- Troubleshot financial calculation issues raised by clients and Professional Services team.
- Supported defect resolution by identifying and replicating bugs.
- Tested patch releases and managing deliveries.

**Tortus Capital Management** – *value oriented hedge fund* — New York, NY
*Research and Trading Analyst* — *Jul 2013 - Jul 2014*

- Completed financial analysis for over 30 distressed companies and recommended long/short positions.
- Traded and monitored the firm's securities on a daily basis.

Previous employers: UBS - Sales Trader *Paris, France*, Credit Suisse - Sales Trader *Paris, France*, France Télévisions Publicité - Business Analyst *Paris, France*

## Projects

- **RoamSync** – *founder & developer*     https://roamsync.vercel.app
  *A React and Node.js application that syncs data between Roam Research and Google Calendar.*
- **Athens** – *open source contributor*     https://github.com/athensresearch/athens
  *A knowledge graph for research and notetaking, written in Clojure(script).*
- **Learning Clojure in public** – *author*     https://github.com/alaq/learning-clojure-in-public
  *Learned Clojure in 5 weeks and wrote one blog post per day.*     *July 2020*
- **Propel ML** – *open source contributor*     https://github.com/propelml/propel
  *GPU-backed numpy-like infrastructure for scientific computing in JavaScript.*
- **Device Extract, LLC.** – *founder & developer*
  *An Electron app for cataloging mobile devices programmatically.*     *June 2017 to April 2018*

## Education

- **ESSEC Business School**     Singapore
  *M.S. Financial Engineering*     *2013*
- **Université Paris Dauphine**     Paris, France
  *M.S. Finance & B.S. Management*     *2011*

## Professional Development

- **Fullstack Academy of Code**     New York, NY
  *Software Engineering Immersive Program*     *2017*