Adrien Lacquemant *Software Engineer*
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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. Excited to join a dynamic team, utilizing my experience in large system architecture to address challenging problems.

CORE COMPETENCIES

Software Engineering — Problem Solving — Project Management — Team Leadership — Continuous Improvement — Process Optimization — Documentation

TECHNICAL COMPETENCIES

Distributed Systems — Scalable Code Development — GDPR Compliance — Cross-Functional Coordination — Quality Assurance — System Optimization

EXPERIENCE

WhatsApp　　　　New York, NY
Senior Software Engineer - Backend - Group messaging and Communities　　　　*April 2022 - July 2023*

- Launched Communities feature, improving user engagement and adoption targets.
- Contributed to key backend projects, including Group Join Request, enhancing user experience for WhatsApp's extensive 2.5 billion user base.
- 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.
- Served as an on-call support engineer for critical systems (group messaging backend), optimized the process, highlighted inefficiencies, effectively mitigated outages, and reduced impact on system performance.

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, consistently delivering them in alignment with established timeframes.
- Drove the adoption of new technologies, focusing on modern frameworks and languages like TypeScript and React.
- Led the improvement of development practices, emphasizing efficient state-management and code modularity.
- 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 managed 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*