

Alexander Ryssdal-Banoun

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EDUCATION

Columbia University New York, NY	May 2023 – December 2025
<ul style="list-style-type: none">• B.A. in Computer Science and Mathematics — Dean's List• CS: Analysis of Algorithms; Machine Learning; Deep Learning; Databases; Natural Language Processing• Math: Probability Theory & Stochastic Processes (graduate); Data-Driven Decision Modeling; Modern Algebra	GPA: 3.71
Duke University Durham, NC	August 2022 – May 2023
<ul style="list-style-type: none">• Transferred to Columbia University beginning as a sophomore in the fall of 2023	GPA: 3.96
Oslo Commerce School Oslo, Norway	August 2019 - June 2021
<ul style="list-style-type: none">• Top 1% of class	

PROFESSIONAL EXPERIENCE

Svelland Capital London, United Kingdom	January 2025 – September 2025
<i>Commodity Trading Intern — Winter/Summer</i>	
<ul style="list-style-type: none">• Selected for an intensive internship with a highly skilled 10-person team (24-yr avg exp) at Europe's twice-awarded "Best Commodities Hedge Fund"; produced research for CEO/founder informing \$100M+ short-term trades; invited back for Summer• Designed an end-to-end Python copper research pipeline—ingested physicals, futures term structure, and macro data; automated ETL/feature engineering with walk-forward tests; identified high-confidence leading indicators (<i>whitepaper available</i>)• Screened the copper-equity universe and built a rules-based signal strategy weighting fundamentals, Cu exposure, and risk; Top-5 rotation ~30% CAGR vs ~7% Cu; IR ~0.85 after costs; created factor baskets with distinct risk profiles to express views & hedge• Built a linear factor model to predict next-week returns of an iron-ore—exposed equity from SGX futures × FX; OOS L/S Sharpe ≈1.8, ann. return ≈19–23%, max DD ≈8%; 1-day back-shift test showed no look-ahead bias (preds corr 0.84)	
Kistefos AS Oslo, Norway	April 2023 – July 2023
<i>Private Equity Intern</i>	
<ul style="list-style-type: none">• Analyzed and organized a portfolio of Italian non-performing loans with a book value of €850 million; assessing actual recoverable value and projected extraction timeline within a complex debt layering structure shared with multiple stakeholders• Engaged in private consultations with senior management of portfolio companies and board meetings of publicly listed Norwegian companies, actively contributing strategic value; assisted senior colleagues in constructing quarterly and monthly reports• Identified and analyzed 30 potentially undervalued volatile stocks, providing a comprehensive overview of share price trends, EV/EBITDA multiples over time, expected P/E multiples, revenue history, and estimated EBITDA margins	
Small Projects Foundation Eastern Cape, South Africa	February 2022 – April 2022
<i>Research and Evaluation intern</i>	
<ul style="list-style-type: none">• Assessed SPF's performance in South Africa and delivered an evaluation report with KPIs and recommendations to Kistefos• Documented and worked on programs in the areas of health, education, youth outreach and small enterprise support• Provided business training to entrepreneurs through the Micro-MBA program, granted micro-loans and monitored repayment	
Eiendomsspar Real Estate Oslo, Norway	August 2021 – October 2021
<i>Real Estate Intern</i>	
<ul style="list-style-type: none">• Assisted in the purchase of multiple large logistics properties totaling over \$500 million in value; partook in contract negotiations, conducting both financial and physical due diligence, ensuring compliance with the terms and conditions of the contract• Conducted an in-depth analysis of Oslo's commercial real estate market including government website analysis and competitor project tracking, to compile a comprehensive annual report on total and added floor space in the Oslo area• Effectively oversaw tenant relationships and lease agreements within a diverse portfolio, ensuring seamless property management	

ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Norwegian (Native), Danish (Proficient), Swedish (Proficient)
- **Technical:** Python (NumPy, Pandas, SciPy, Statsmodels, Scikit-learn, PyTorch); SQL (PostgreSQL); Java, C; Linux/Bash; Git, Docker; Jupyter/Matplotlib, Excel, FactSet
- **Skills:** Experienced public speaker and debater; analytical thinking; leadership skills; optimization; database design; big data
- **Accolades:** Round 2 of the Norwegian National Math competition (top 2 from > 1,000) OCS Writing and Public-Speaking winner
- **Interests:** Philosophy; Traveling; Russian Literature; Muay Thai; Poker; Geopolitics; Programming; Mathematics; Skiing
- **Github:** github.com/GlobalARB