

Ricki Heicklen

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PROFILE

Forceful and incisive former trader currently in the “explore” phase of explore-vs-exploit career approaches. Passionate about building a future civilization in which cooperation and coordination are possible, wisdom is abundant, and justice prevails.

Strengths:

- Whip-smart generalist with the ability to process new ideas unusually quickly
- Thrives in chaos; remarkable skill for putting out fires and triaging when handling crises
- Excellent judgement, strong intuition for others’ models and experiences of the world and how to improve communication of a broad range of concepts between people

Weaknesses:

- Does not work well alone, remotely, or in a role that requires discipline
- Can be candid and provocative in a way that alienates others, would be the wrong manager for many
- High uncertainty about how to weight various ethical systems, not sufficiently aligned with Longtermism at this point to guarantee trustworthiness for certain roles

WORK & PROJECTS

Blue Rose Research, *Data Scientist*; August 2022 – December 2022

- Built models and client deliverables as part of the Forecasting team, with a particular focus on advising spending in competitive Senate races and on early vote analysis

Atlas Fellowship, *Instructor*; June 2022 – August 2022

- Taught outstanding high schoolers about trading, probability, epistemics, and ethics
- Hired and managed two Atlas Fellows as Junior Counselors, overseeing their management of a mock economy including developing tools such as a Discord bot for order book trading implementation and a customized Manifold Markets instance

Modulo Capital, *Interim Chief Operations Officer*; January 2022 – February 2022

- Hired from Jane Street by former manager to move to the Bahamas and run operations for a new \$200m crypto trading firm funded by Alameda Research
- Fired from Modulo Capital after two weeks for raising questions about legal, regulatory, and ethical concerns, including employment of auditors, reconciliation of balance sheets, work visa processes, and a lack of domain experience in compliance

Jane Street, *Quantitative Trader*; Aug 2019 – January 2022; *Intern*; May – August 2018

- Analyzed market microstructure and trading patterns to predict price moves in US and global equities, and provided liquidity by making markets on global exchanges in listed equity securities
- Directed research projects in statistical arbitrage trading strategies using mathematical modeling, with a focus on mean-reversion and momentum based models
- Designed and executed proprietary trading systems in OCaml and Python

EDUCATION

Princeton University, Princeton NJ, September 2015 – May 2019

Major: Computer Science, *magna cum laude*

Overall GPA: 3.77

Departmental GPA: 3.90

OTHER

Coding: Proficient: OCaml, Python, R, Java, SQL; Working knowledge: C, MATLAB, HTML/CSS, JavaScript

Interests: Philosophy, board game design, puzzles, satire writing, vegan cooking, gardening