

# Timothy Chee

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## EDUCATION

### University of Cambridge, Christ's College

B.A. in Economics [1<sup>st</sup> Class][GRE: Q170 V170 W5.5]

Cambridge, UK

Oct 2023 – Present

- Top scorer in Christ's College for Part I and IIA (A. R. Prest Prize) of the Economics Tripos.
- Ranked 1/150 for econometrics capstone project using O\*NET data to isolate labor sorting effects in the gender wage gap.
- **Relevant Courses:** Game Theory, Statistics, Linear Algebra, Micro and Macro Econometrics, Real Analysis. Granted special permission to sit Math for ML paper from Part II of Maths Tripos.
- Awarded the [SJIPF Christ's College Scholarship](#) (all years) and Christ's College Academic Scholarship (from 2<sup>nd</sup> year).
- Cambridge AI Safety Hub Policy and Governance Fellowship.

### St. Joseph's Institution International

IB Diploma [45/45][SAT:1550]

Singapore

Jan 2019 – Nov 2020

- Placed 1<sup>st</sup> overall in 200 strong IB cohort. Top in English Language and Literature. 2<sup>nd</sup> in History.
- Captain of Senior Debate Team. Editor-in-Chief of Student Journal. Co-President of Investment Club.

## PROFESSIONAL EXPERIENCE

### Conway

Research Engineer

San Francisco, CA

Oct 2025 – Present

- Anomaly detection and root cause analysis. Employee number 6.
- Built graph-based anomaly detection pipelines for ACH fraud data. Building causal ML workflow for empirical DAG discovery.
- 60M valuation. Investors include Lightspeed, First Round, Kleiner Perkins, Larry Summers and Chris Re.

### D.E. Shaw

Incoming Summer Prop Trading Intern

New York

Apr 2025 – Present

- Received offer for Summer 2026. Sitting on macro fixed income desk (RV and discretionary).

### Bridgewater Associates

Investments Associate Intern

New York

Jun 2026 – Aug 2026

- Sat on Ben Melkman's discretionary macro pod. Built an AI diffusion network model using alt data.
- Received return offer.

### D<sup>3</sup> Institute, Harvard University

Research Assistant under Prof. Edward McFowland III [Visiting]

Cambridge, MA / Hybrid

Jun 2024 – May 2025

- Statistics and data science research funded by Christ's College Summer Research Grant.
- Researched ML-assisted causal inference techniques for heterogeneous treatment effects (Summer 2024).
- Currently working on conducting simulations to test Ensemble IV econometrics methods.

### Zuno Carbon

Data Science Intern, continued as Remote Consultant

Singapore

Jun 2023 – Dec 2023

End-to-end ESG solution that helps companies to measure their emissions and decarbonize their value chain. ([Website](#), 2025)

- Worked with data lead to train a large language model for corporate sustainability reporting. Wrote Demo.
- Built data scraping program in python to aggregate emissions factor data from publicly available sources.

### PricewaterhouseCoopers

Consulting Intern, Sustainability and Climate Change Practice

Singapore

Jan 2023 – Mar 2023

- Migrated Scope 3 emissions data handling for the team from Excel to SQL and Pandas.
- Published internal memo on a novel methodology for calculating Scope 3 Category 11 emissions for the gaming industry.

### 48<sup>th</sup> Singapore Armor Regiment

FMP Platoon Commander [1<sup>st</sup> Lieutenant]

Singapore

Dec 2021 – Nov 2022

- Identified as the top 10% of intake. Selected to attend Officer Cadet School at the SAFTI Military Institute.
- Led of a platoon consisting of ~ 40 troopers and non-commissioned officers in combat and training.
- Liaised with domestic and international defense contractors to ensure the functionality of a fleet of Leopard 2SG Main Battle Tanks in training, military exercises and in active operations.

## OTHER EXPERIENCES

### Jom Media

Freelance Journalist and Data Scientist

Singapore / Remote

Jun 2023 – Present

- [Researched](#) 2024 Singapore Presidential Elections with ex-Economist senior editor.
- Using NLP and embedding models to analyze a large multi-year parliamentary debate dataset I scraped.

### The Baum Movement

Co-Founder

Singapore

Jun 2021 – Oct 2023

- Founded non-profit which aimed to make carbon data for investing more accessible for young people.
- Secured [\\$10,000 grant](#) and backing from Singapore's Ministry of Sustainability and Environment.

## SKILLS AND INTERESTS

**Skills:** Python (CUDA, Pandas, PyTorch, Scikit-Learn), Stata, R,  $\LaTeX$ , SQL. Mandarin [Fluent]. Can drive Leopard 2SG Main Battle Tank.

**Interests:** Pottery ([my website](#)), life drawing, poker, coffee, marathons, magical realist books, writing (journalism).