

EDUCATION

University of Chicago | Chicago, United States **Jun 2027**
Master of Arts, Computational Economics (expected)

University of Auckland | Auckland, New Zealand **Sep 2023**

Bachelor of Engineering (Honors) and Bachelor of Arts

- Dual degree, majoring in Engineering Science and Economics, with honors thesis on computer vision

SKILLS

Programming: Python (pandas, GeoPandas, statsmodels, scikit-learn), R (tidyverse), SQL, MATLAB, C, VBA

Communication: Data visualization (Python, R), report-writing, graphic design (Adobe Illustrator), public speaking

Courses: *Grad level:* machine learning, econometric theory, causal inference, microeconomic theory, macroeconomic modelling; *Advanced undergrad level:* statistical modelling, operations research, urban economics, financial maths

PROFESSIONAL EXPERIENCE

Organisation for Economic Co-operation and Development (OECD) | Paris, France **Sep 2023 to Aug 2025**
Policy Analyst

- Developed research and policy on the governance and financing of intergovernmental relations and decentralization
- Delivered cross-country insights through economic and statistical analysis of economic, financial, and geospatial data
- Implemented the OECD Infrastructure Strategy, by drafting OECD's first flagship report on infrastructure, developing an inclusive infrastructure policy framework, and contributing to the G20 Infrastructure Working Group
- Advised governments on adapting the financing and delivery of public services to demographic change
- Supported fund-raising and communication activities by drafting proposals, presentations, brochures, and blogs

Castalia Strategic Advisors | Wellington, New Zealand **Feb 2022 to Aug 2023**
Senior Consulting Analyst (since Apr 2023)

- Advised private- and public-sector clients in the Asia Pacific region on energy, climate, and economic regulation
- Performed regulatory due diligence on New Zealand's electricity transmission utility's NZD2.3b capital spending plan
- Built cash-flow model of a Pacific country's telecoms sector, informing policy reforms that boost digital access by 40%
- Modelled hydrogen prices across 50+ countries to support a development bank's global hydrogen financing strategy
- Conducted research and workshops to inform a development bank's gender strategy in the Pacific Islands

RESEARCH EXPERIENCE

Auckland Bioengineering Institute | Auckland, New Zealand **Nov 2020 to Feb 2021**
Research Assistant

- Developed statistical models of the human gut to help understand spatial patterns of gastro-intestinal disorders
- Awarded runner-up prize at research forum, out of 50 research projects

The University of Auckland | Auckland, New Zealand **Nov 2018 to Feb 2019**
Summer Research Scholar

- Investigated agent-based simulation models and statistical inference algorithms for mathematical biology

PUBLICATIONS

OECD (Forthcoming), Public investment trends in OECD countries

OECD (2025), Preparing for Demographic Change in Nord-Vest, Romania, doi.org/10.1787/21b50ace-en

OECD (2024), Infrastructure for a climate resilient future, doi.org/10.1787/a74a45b0-en

Asian Infrastructure Investment Bank (2023), Financing clean hydrogen in Asia and beyond

VOLUNTEERING

UChicago XLab | *Student Lead for Economics of AI program* **Mar 2026 to ongoing**

UChicago Institute of Politics | *Conference Planner (Tech for Good Conference)* **Oct 2025 to Mar 2026**

University of Auckland Entrepreneurship Programme | *Chief Operating Officer* **Jan 2021 to Dec 2021**

- Led a team of 30 student volunteers to promote entrepreneurship through competitions and workshops
- Oversaw marketing efforts and brand refresh, leading to highest engagement numbers since Velocity's start

UN Youth New Zealand | *National Technology Officer* **Jan 2020 to Dec 2020**

Aotearoa Youth Declaration | *Organizing Committee Member* **Jul 2017 to May 2018**

LANGUAGES

English (native), Mandarin Chinese (native), French (basic)

CERTIFICATES

- Chartered Financial Analyst Level 1 Exam, Passed
- University of Auckland, Leadership & Service Award