Jacob Walchuk

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**UK**

**CA**

# Education

**University of St. Andrews** 2022–2026

M.A. (Hons) in Philosophy

* Standing 2:2 Honours, with a focus on symbolic logic and analytic metaphysics.
* Presented first-class papers at an undergraduate conference.

**Trinity Western University** 2021–2022

B.A. in Politics

* Received a 4.23/4.3 grade average in my first year, before transferring.

**Westside School** 2019–2021

* A\*A\*A\*A\*A-equivalent marks, per KCL’s scale.

# Work Experience

**Technical Analyst Intern** Summer 2023

Kova Engineering, Ltd. Langley, Canada

* Consulted with the CEO, CTO, and other members of the executive team to discover concerns around an improperly-scaled MySQL database with a ColdFusion frontend.
* Wrote a longform report that evaluated a full-stack overhaul to PostgreSQL and Next.js.
* Submitted a code proposal to the lead programmer, which secured and sped up the transition.

**Assistant I.T. Technician** 2018–2022

Kova Engineering, Ltd. Langley, Canada

* Deployed laptops and servers running Windows, and iPhones using Apple Device Enrolment.
* Onboarded metallurgy technicians with little-to-no I.T. background.

**Repair Technician** 2017–2018

Free Geek Vancouver Vancouver, Canada

* Tested RAM, CPUs, and GPUs, and performed light component-level board repair.

# Projects

* **BookTracker** **–** Reverse-engineered the SQLite schemas of a bibliography manager and notes app, and wrote a Node.js tool to push progress reports and notes to my website.
* **Homelab** **–** Ran a rackmount server at home, deploying KVM on Debian, and later, Xen.
* **Other Past Projects** include a URL shortener in Rust, a Mandelbrot renderer in Java, and many, many useful scripts.

# Skills

* Certifications: CompTIA Linux+, IBM Data Analyst Certificate (Excel, Cognos, and R), IBM Data Science Certificate (Python).
* Languages: Mandarin (working proficiency), German (basic).
* Proficient in VBA, HTML/CSS/JS, and Emacs LISP.
* Interests: Linguistics, social and economic history, and corporate finance.