

CAMERON HENDEY

Toronto, Canada | Available to relocate | Canadian and UK citizen
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Graduate Analyst and Technology Consultant: Python, SQL, Process Analysis and AI-Assisted Workflows

PROFILE

Completed a four-year BFA in three, with Distinction, a 4.0 GPA and Dean's List in every enrolled year. Then a Master's at the University of Toronto in computational design and technology: GPA 3.8, a faculty merit scholarship, and a thesis that used Python to drive an industrial robot. Different disciplines, same habit: learn a system quickly, find where it breaks, and fix it so people who aren't technical can run it. A Meta Back-End Developer Professional Certificate (Python, SQL, Django, REST APIs) rounds out the toolkit, now pointed at graduate analyst and technology consulting roles.

EDUCATION AND ACADEMIC ACHIEVEMENT

Master of Architecture, Computational Design Concentration | University of Toronto

GPA 3.8. **John and Myrna Daniels Foundation Award**, a faculty-awarded merit scholarship. Degree work centred on computation: an option studio in AI-driven design methodologies and a thesis in computational geometry and robotic fabrication, detailed below.

Honours BFA, New Media, with Distinction | Toronto Metropolitan University

GPA 4.0. **Dean's List in every enrolled year**. Completed the four-year programme in three. **Thesis nominated for Best Thesis Project at the TARA Awards**.

Meta Back-End Developer Professional Certificate | 2026

Python, SQL and MySQL, Django, REST APIs, Git and GitHub.

Computer Science, first-year coursework | Stellenbosch University (transferred)

Led a five-person team producing a year-long research paper on modern applications of cellular automata.

SELECTED TECHNICAL WORK

Computational Design and Robotic Fabrication Pipeline | Master's Thesis, University of Toronto

- Developed a Python to CAD to robot pipeline in Rhino and Grasshopper: custom line-based pattern generation, automated geometry processing and robot-ready toolpaths executed on a UR-10e industrial cobot.
- Balanced material use, structural logic and machine-movement efficiency as competing constraints in one parametric system, testing outputs against the reach and collision limits of the arm.

EXPERIENCE

Reservations Coordinator, Systems and Operations | JOEY Restaurant Group | Toronto | Feb 2023 to Aug 2025

Promoted from Guest Service Partner, November 2024.

- Administered OpenTable as the system of record for a 200-seat location: pacing rules, table allocation, blocking and reporting across roughly 100 to 200 reservations and 30 to 50 inbound inquiries per shift.
- Traced recurring double bookings to an AM/PM boundary condition in the platform, redesigned the verification step around the single point where a conflict could occur and documented the procedure for staff.
- Built a triage workflow for recurring complex inquiries using classification tags, response templates and Python-assisted repetitive steps, with a human-review checkpoint retained, cutting typical drafting and triage time from approximately 45 minutes to 5.

Digital Production Systems Consultant (Contract) | Erickson Coaching International | Remote | Jul 2021 to Sep 2022

- Sole consultant to a digital learning platform serving more than 10,000 annual learners; standardised naming conventions, file architecture, reusable templates and export specifications into one production system, then reworked 200+ assets through it, cutting repeat-format production from more than five hours to about ten minutes.
- Wrote implementation guides and ran live walkthroughs so non-technical leadership could run and update the system independently.

Coding Teaching Assistant | Toronto Metropolitan University | Jan 2021 to Jul 2022

- Supported two cohorts of 60 to 80 students in Java and JavaScript through live code review and debugging, teaching a repeatable reproduce, isolate, reconstruct method. Commended by the course instructor.

Independent Technical and Design Consultant | Project-based | 2018 to present

- Referral-based, fixed-scope engagements with repeat clients: CMS builds, booking and contact-form workflows and branding systems, defining requirements with clients and documenting the handover.

SKILLS AND CERTIFICATIONS

Programming and data: Python, Java, SQL/MySQL, JavaScript, HTML/CSS, JSON, Git/GitHub, Django, REST APIs, Excel (working knowledge)

Computational design: Rhino, Grasshopper, computational geometry, robotic toolpath generation, Fusion 360

Analysis and delivery: Requirements gathering, process mapping, root-cause diagnosis, process documentation, stakeholder training, AI-assisted workflow design

Certifications: Meta Back-End Developer Professional Certificate (2026), Lean Six Sigma White Belt