

EDUCATION

UNIVERSITY OF WATERLOO
BASC, MECHANICAL ENGINEERING
Expected 2022 | Waterloo, ON

SKILLS

CAD/DRAFTING

CAD & Markup Software
SolidWorks • AutoCAD • Fusion 360 •
BlueBeam Revu

Competencies
GD&T • P&IDs • DFM

PROGRAMMING

Experienced
C++ • VBA • Bash • HTML

Fundamental Knowledge
Python • JavaScript • CSS • Git
Versioning

SYSTEM ADMINISTRATION

Operating Systems
Linux • Windows Server

Database
MySQL • Postgres • Access

Virtualization
Docker • Hyper-V

Web
pfsense • Traefik • nginx • WordPress

OFFICE SOFTWARE

Microsoft
VBA • Power Pivot • Power Query •
Power BI

Multimedia Software
Photoshop • Premiere Pro • After
Effects • Final Cut Pro

Other
Primavera P6 • SAP • Bluebeam

ADDITIONAL INFO

Certifications & Endorsements
Driver's Licence • H₂S Alive • WHMIS

Citizenship
Canadian & EU Citizenship (UK)

Interests
Automotive • Aerospace • Computers

Links
Website: bentley.sh
LinkedIn: [cameron-bentley](https://www.linkedin.com/in/cameron-bentley)
GitHub: [cjbentley](https://github.com/cjbentley)

WORK EXPERIENCE

TOYOTA MOTOR MANUFACTURING CANADA, INC.

QC ENGINEERING INTERN | Sep. 2019 - Dec. 2019 | Cambridge, ON

- Interior & Paint group intern at Toyota RAV4 Cambridge plant
- Determined root cause of Instrument Panel & Center Console fit defects through check fixture & drawing analysis
- Coordinated with suppliers to bring noncompliant parts back into tolerance
- Revamped Completed Vehicle Measurement ("CVM") audit workflow:
 - Created new data entry system to reduce human error
 - Designed relational database for collaborative data storage
 - Developed automated statistical analysis & reporting framework from data, enabling faster defect identification & root-cause analysis
 - Direct man-hour reduction of 28hrs+ per week between both plants

AECON GROUP, INC. | INTERN PROJECT COORDINATOR

Jan. 2019 - Apr. 2019 | Calgary, AB

- Project coordinator for access platform installation on a compressor station
- Requisitioned equipment, materials, & subcontractor labour
- Assisted with subcontract disputes and cost control
- Collaborated with client's internal project auditing

NOUVLR GROUP | ENGINEERING INTERN

Sep. 2018 - Dec. 2018 | Montréal, QC

- Intern on design management team during early construction phase of Réseau express métropolitain LRT network in Montréal
- Validated design & construction plans against external constraints (such as peak vibration ordinances for nearby buildings) before issuance for construction
- Tracked design progress by section against mandated targets from client

AECON GROUP, INC. | ENGINEERING INTERN (2 TERMS)

Summer 2017 & Winter 2018 | Fort St. John, BC & Calgary, AB

- On-site intern during a cogen facility turnaround, and office intern during pre-build phase of a bitumen metering station
- Revised P&ID drawings in-field to decrease site downtime
- Created critical safety & regulatory documentation, such as the SSSP and ERP
- Acquired procurement contracts and compared costs between vendors
- Collaborated in development of construction schedule using Primavera P6

PROJECTS

WATSAT SATELLITE DESIGN TEAM | STRUCTURES SUBSYSTEM LEAD

Sep. 2016 - Aug. 2018 | Waterloo, ON

- Designed components for CubeSat satellite structural redesign
- Integrated attitude control and communications hardware into satellite frame
- Simulated structural design properties for challenge's Critical Design Review

AIM ENGINEERING CHALLENGE | 1ST PLACE GROUP LEADER

Jan. 2016 - May 2016 | Calgary, AB

- Developed & tested a new reusable Keurig coffee pod prototype
- Group placed 1st; host company integrated changes into new pod design

AUTOMOTIVE PROJECTS

- Hands-on experience maintaining, repairing, and modifying vehicles
- Assisting in fabricating engine & transmission mounting hardware for a track-prepped Mazda Miata