

JOSH TILLSON

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EDUCATION

University of British-Columbia, Sauder School of Business Expected Completion: December 2022
Bachelor of Business and Computer Science **GPA:** 3.9/4.33

Awards: Dean's Honor List & Top 10% of Faculty (2019-Present), UBC Presidential Award (2018 - \$50,000), Tuum Est Award (2018 - \$3,000), Loran Foundation Finalist Award (2018 - \$5,000), TD Award of Merit (2018).

PROJECTS

youfly, CPSC 455 – Applied Industry Practices May 2022-Present

- Developed and deployed a full stack web application providing registered users with tailored travel destination recommendations and accompanying activities based on their profile/collected survey responses.
- Created a responsive and accessible front end components using Material UIs React library.
- Leveraged JWT access tokens to securely authenticate user login through server communication.
- Built and debugged an extensive set of server endpoints with robust documentation (Swagger UI).

Technologies: React, Node.js, Express, React Router, Redux, MongoDB, Heroku, GitHub Actions, Swagger API

WORK EXPERIENCE

Microsoft, Technical Specialist Intern May 2022-Present

- Internal consulting role focused on providing clients with leading security technology tailored to their needs.
- Building internal query optimization tools and earning Associate Certifications in Security & Compliance.

KPMG, Digital Strategy & Transformation Consulting Intern September 2021-December 2021

- Developed in-depth enterprise IT operating models to support clients' strategic business objectives.
- Designed client interview guides to assess current IT capabilities, technology landscape and potential gaps.
- Led the agile project management of a Microsoft Dynamics ERP finance transformation.
- Built advanced Excel models to optimize project resource allocation and scheduling.

Royal Bank of Canada, Business Analyst/Product Management Intern May 2021-August 2021

- Led a team of developers through the end-to-end research, ideation, and development of a system to support RBC's return to office and hybrid management, with a projected five-year net savings of \$500 thousand.
- Developed a cross-platform dashboard using a React JS frontend, Python Flask backend and PostgreSQL database internally hosted on RBC's OpenShift and API integrations with existing productivity tools.
- Regularly met with and pitched to executives and stakeholders to best align with long term objectives.
- Prepared thorough documentation, detailing design decisions, processes and flows and followed best engineering practices for a seamless handoff to the full-time team integrating the software.
- Awarded the best solution and the most effective team awards out of the 18 program teams (\$7,500).

LEADERSHIP EXPERIENCE

Microsoft Learn, Gold Microsoft Student Learn Ambassador August 2020-Present

- One of two Canadian 2021 Gold Student Ambassadors due to community leadership and achievements.
- Collaborating with campus clubs and organizations to run workshops, increasing accessibility to tech skills.

University of British Columbia, Orientation Leader and Student Ambassador August 2019-Present

SKILLS & INTERESTS

Languages & Frameworks: Python, SQL, Java, JavaScript, HTML/CSS | React, TypeScript, Flask, PostgreSQL.

Tools: Excel, PowerPoint, Tableau, Figma, Miro, Jira, GitHub Project Management, Googling.

Interests: Trail running, Reading: currently "The Ride of a Lifetime" by Bob Iger, Cooking on a budget, Coffee.