

SCOTT C. OXHOLM

[in](https://www.linkedin.com/in/scottoxholm) www.linkedin.com/in/scottoxholm ☎ 647-622-8714 ✉ scott.oxholm@mail.utoronto.ca 🌐 scottoxholm.github.io

EDUCATION AND AWARDS:

University of Toronto, B.A.S.C in Engineering - Expected Graduation 2022

- Placed 22nd out of 400 students in an engineering coding competition (coding in C) – March, 2019
- Built a full website and Pac-Man game in Javascript/CSS/HTML: scottoxholm.github.io – Summer 2020
- Completed courses studying and performing in Java, SQL, and R with Honours – 2019/2020
- University of Toronto National Book Award Recipient – June 27, 2018
- U of T Academic Entrance Scholarship Recipient – June 2018
- Lucille Mathe Scholarship Award in Musical Theatre – June 27, 2018
- Hank William's Award - July, 2017
 - The Faculty of SHAD selects the student, “who embodies enthusiasm, humour, intellect, inclusivity, motivation, musicianship and humility as a leader”.
- Dave Black Award Nominee from Memorial University- October 2017
 - SHAD Fellow “who demonstrated outstanding leadership and teamwork; and a special ability to work with others in a noteworthy and meaningful way”.

WORK HIGHLIGHTS AND LEADERSHIP EXPERIENCE:

Orientation to Engineering Teaching Assistant (TA).....Fall 2020

- I am teaching an online synchronous tutorial, helping first year students orient to the significant changes associated with completing an engineering degree at U of T (and adapting for the challenges of the pandemic).

Engineering Psychology TA/Lecturer..... Summer 2020

- After taking professor Mark Chignell’s course, he requested that I help co-design his video lecture series.
- I then pre-recorded 15 collaborative lectures where my professor and I alternated presenting content and questions.

Interactive Media Lab..... Summer 2020

- As a former student of Mark Chignell in engineering psychology, I was given the opportunity to work in his lab:
- **Lead writer on a \$200,000 Proposal** - Canadian Department of Defense RFP for healthcare moral injury during COVID-19
- **Project Manager** for a team of front-end developers who wrote code for our psychology/cognitive assessment technology.
 - Using tools like Trello, Excel, Slack, and Zoom, I managed team schedules, organized and led meetings, collected feedback and input from stakeholders, and coordinated project tasks and deliverables.
- **User Centered Re-Design** for an interactive instruction manual using Figma (an assistive design tool).
- **Back-end development** to redesign our database from non-relational mongoDB database, to a relational database in SQL.
- **Patent Revision** and editing for our cognitive assessment technology.

Engineering CEO (“Campus Experience Officer”)..... August 2019 – April 2020

- My fellow CEOs and I were interviewed and hired by the Engineering faculty to sustain a healthy on-campus culture.
- I had multiple student mentees and led our Emotional Intelligence keynotes for the engineering community.
- This fostered the trust I needed to help them succeed and feel connected to a caring community.

Hatch..... Summer 2019

- **Environmental License Analysis:** Federal Energy Regulatory Commission (FERC) License analysis for hydroelectric plants
 - Evaluation of legal documentation for safety inspections, incident reports, environmental assessments, and re-licensing.
 - Contributed to environmental reporting to summarize key factors that could impact a key servicing Client.
- **Site Safety Database & App Development**
 - Contacted 30 internal department employees to gather safety information from site visits.
 - Created a SharePoint database containing all of the gathered data with Hatch’s mandatory field safety forms
 - Created an app on PowerApps for Hatch employees to interact with, and submit to, the central database easily.
- **3D Modelling and Revision:** Independently modelled and assembled twenty-three 2-d technical drawings (AutoCAD) for a Macro-Etcher into a 3-D modelling software called Solid-Edge.
 - Created a full list of clarifications and consulted with the original designer of the drawings for revision.
- **Large Scale Technical Drawing Formatting:** I formatted close to 400 solid edge 2-d technical drawings for a client

Engineering Jazz Band & Hart House Big Band..... September 2018 – July 2020

- Connects me with my fellow jazz enthusiasts in engineering and across other faculties; and helps us maintain our love and practice of music, fellowship, and friendship throughout the year.