



Gabriel Faucher

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WORK EXPERIENCE

Research Assistant, OCAD

Toronto, Ontario— 2019-Present

I've worked as a research assistant at OCAD's PHASE lab since April 2019, specializing in digital holography and mixed reality data visualization.

- Used C# and the Unity development environment for construction, staging, and testing of 3D graphics for use in holograms and VR/AR demonstrations.
- Worked with Arduino to program and construct hologram lighting systems.
- Worked with Visual Basic to design GUI for operating Arduino-based hologram lighting systems.
- Worked with Tableau and Google Data Studio when assisting other labs with projects involving analysis and visualization of both medical and sociological data
- Worked with Processing for testing alternative GUI options.
- Gained experience with facilitating communication between researchers and professionals with different fields of expertise in a multidisciplinary environment.

Building Manager, Rehearsal Factory

Toronto, Ontario— 2019-Present

I've worked as a building manager at the Rehearsal Factory since May 2019, handling bookings, payments, and building maintenance, as well as musical equipment upkeep and occasional sound tech.

- Gained additional practical Excel, Word, and general Office suite experience.
- Was responsible for safety, security, and administrative management of guests and building residents.

Content Designer, IBM

Markham, Ontario— 2017-2018

I spent sixteen months interning as a technical writer and content designer for IBM Canada's Db2 content design team.

- Developed practical database experience and knowledge through maintaining IBM's Db2 documentation, working closely with both engineering and business divisions, and performing research for the company on alternative DBMS options (Oracle, MySQL).
- Further developed interpersonal/verbal communication skills and written communication skills, as well as client-facing experience.
- Experience working within AGILE development methodology.
- Experience working in Windows, Mac, and Linux environments.
- Familiarity with cloud technologies/platforms (AWS, Azure).

Front Desk Staff, Innis Residence

Toronto, Ontario— 2015-2016

I spent two years employed as a member of the Innis Residence Front Desk staff.

- Gained experience working flexible hours..

IT Assistant, Innis Residence

Toronto, Ontario— 2015-2016

I spent 8 months employed as the IT Assistant at the Innis Residence.

- Experience with knowledge transfer and customer interaction etiquette

Maintenance Assistant, Innis Residence

Toronto, Ontario— 2015-2016

I spent 14 months employed as the Maintenance Assistant at the Innis

Residence.

- Worked on my own to maintain and repair building systems, gained experience with high-demand and time-sensitive work environments

EDUCATION

Bachelor of Science

Degree — 2014-2019

University of Toronto

Department of Arts and Science

Computer Science Major, Creative Expression and Society Minor, Contemporary

Asian Studies Minor

- Experience in Python
- Experience in HTML
- Experience in CSS
- Experience in Javascript
- Experience in Java
- Experience with JSON
- Experience with XML
- Experience with Node, Angular, and React Javascript frameworks
- Familiarity with web server setup/configuration
- General data structure, algorithm, optimization, and other fundamentals
- Professional writing skills

OTHER

Volunteer organizations

- I was a member of the Boy Scouts of America for six years, and attained the rank of Eagle Scout, the highest rank in Scouting, in year 12 of high school.
- Before I moved to Toronto, I volunteered on a regular basis at Rosie's Place, a homeless shelter in Boston.
- I was a member of an outreach group at my local church, focusing on both local and national levels. I volunteered around the Massachusetts area for years, and I traveled to New Orleans several years after Hurricane Katrina with the group in order to assist with rebuilding efforts.

Personal

- I was a member of the Musicians' Clubs Initiative at the University of Toronto.
- I was a writer and editor for the Innis Herald on-campus newspaper.
- I completed the AGCO's Smart Serve responsible service training program in 2018.
- I am the drummer for the band Paint Dept.
- Current favorite book: *Uncanny Valley: A Memoir* (Anna Wiener)

REFERENCES

Available upon request.