

WILLIAM GERTLER

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EXPERIENCE

Manager and Lead Bartender

Loloan Lobby Bar

June 2018 - May 2024

Waterloo, ON

- Created the very best cocktail program in the region.
- Raised bar section revenue by 18% and total revenue by 12%.
- Led a bar team (3-5 persons) that delivered award-winning service six nights a week.
- Developed a wine-pairing system gaining a place on vineroutes' list of best restaurants in Ontario.

Quantum Technologies Consultant

Chosen Plaintext, Inc.

March 2019 - April 2020

Waterloo, ON

- Due diligence for investors, quality assurance of products and methodologies including stress-testing of products and facility inspections.
- Preparation of explanatory documents, slide decks, and analysis of whitepapers vital to informed decision-making on the venture-capital side.

Optical Physicist, AR&D

North (acq. Google, 2020)

April 2016 - September 2016

Kitchener, ON

- Achieved world-first breakthrough in hologram technology and optical fidelity.
- Key data acquisition and analytics leading to the development of Focals smartglasses.

Research Assistant

Femtosecond Laser Lab, Strickland-Sanderson group (Nobel Prize in Physics, 2018)

February 2014 - April 2015

Waterloo, ON

- Coulomb Explosion Imaging Experiment developing environmentally sustainable and economically efficient graphene production.
- Ground-up fabrication of high-energy lasers, hardware and software development and maintenance.

EDUCATION

University of Waterloo

Ph.D. Applied Mathematics (Dissertation Pending)

B.Sc. Mathematical Physics, Honours

Waterloo, ON

September 2018 - January 2023

September 2013 - April 2018

SERVICE

President

Undergraduate Physics Society of Waterloo

September 2016-December 2016

Waterloo, ON

- Represented the physics department on the University of Waterloo's science faculty board, implemented a new constitution, coordinated events for 300+ students bringing in revenue in excess of 300% of the student society's budget .

TECHNICAL SKILLS

Programming Languages Technology

Python, MATLAB, HTML+CSS, Bash

Linux operating systems and development context, Git, Microsoft Office