WILLIAM GERTLER

will@wgertler.com ⋄ wgertler.com ⋄ 🎮 @swickrotation

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%.
· Organized and led a bar team (3-5 persons) capable of delivering award-winning service to the well-heeled of Waterloo and notable visiting dignitaries six nights a week.
· Developed a wine-pairing system leading to 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
Waterloo, ON

Ph.D. Applied Mathematics (Dissertation Pending) — September 2018 - January 2023
B.Sc. Mathematical Physics, Honours — 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	Python, MATLAB, HTML+CSS, Bash
Technology	Linux operating systems and development context, Git, Microsoft Office