

Braden Ganetsky

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Education

Bachelor of Science in Mechanical Engineering - Co-op/IIP Option

May 2021 – University of Manitoba

Licensure

Professional Engineer (P.Eng.) through Engineers Geoscientists Manitoba

Work History

Software Engineer, Low Latency Group

August 2024 – Present

London Stock Exchange Group

- Developed TCP market data capture applications, using Asio and C++23
- Collaborated with exchange managers to elevate conformance with data specifications
- Modernized key areas of the code base to improve performance and code ergonomics
- Enhanced the C++ stats framework to interface with various metric tracking services

Software Developer, Query Engine, Back End Technologies

May 2021 – July 2024

Kinaxis · Ottawa, Ontario

- Founded and facilitated bi-weekly C++ technical book club to keep team's skills sharp
 - Solved the [2038 problem](#) in code base so customers can plan further into the future
 - Implemented safer practices, continually fixing numerous memory bugs
 - Maintained and enhanced custom debugger sidecar application for the product
 - Mentored new co-op students on the team, fostering a cooperative culture
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Volunteer Experience

Working Group Expert for SC22/WG21

2023 – Present

Standards Council of Canada

- Advanced the C++ language through participation in telecons and face-to-face meetings
- Switched time zones to diligently attend remotely, when unable to attend in-person
- Engaged in SG16, to improve standard C++ Unicode support

Founder and Facilitator **2024 – Present**

Winnipeg C++ Developers User Group · Winnipeg, Manitoba

- Organized free-of-charge monthly meetings without any sponsorship
- Conducted the meetings, welcoming any and all new members
- Fostered a burgeoning C++ community in Winnipeg

Sponsor Liaison **2025 – Present**

CppCon Conference · Aurora, Colorado

- Actively maintained responsive communication with sponsor contacts
- Ensured every sponsor received all their deliverables from the conference

Volunteer Coordinator **2025 – Present**

CppNorth Conference · Toronto, Ontario

- Restructured volunteer program with individual interviews, vetting each potential volunteer
- Facilitated the punctual and successful running of the conference

Vice Stick Academic (vice president); then Senior Stick (president) **2019 – 2021**

University of Manitoba Engineering Society (UMES)

- Managed a team of over 90 people to run events and represent students all over the province
- Coordinated and facilitated all the events in UMES, with increasing responsibility
- Served as leader and reference point for the Price Faculty of Engineering student body

Team Lead **2018 – 2021**

WE (Wind Energy) Design Team · University of Manitoba

- Managed a team of 30 people to design and fabricate a small-scale wind turbine
- Spearheaded branding, marketing, and file sharing system
- Led the team's acquisition of sponsorship, and managed the team's accounting and finances
- Competed in International Small Wind Turbine Contest for the first time in team's history

Other Activities

Singer, Sarah Sommer Chai Folk Ensemble 2013 – present

Bassist, Sarah Sommer Chai Folk Ensemble 2015 – present

Twisty Puzzle Designer (Rubik's cubes) 2015 – present

Member, Young Friends of Engineering 2022 – present

Ingenium Task Group Member, Engineers Geoscientists Manitoba 2023 – present

Conference Speaker, various conferences 2023 – present

Contributor, Boost collection of C++ libraries 2023 – present