SAERA CHUNG

4A Computational Mathematics| Buffalo, NY | s65chung@uwaterloo.ca

EDUCATION

UNIVERSITY OF WATERLOO	**Waterloo, ON**
B.Math Honors Computational Math Co-op	*2021 – 2026*

POSTECH	**Pohang, South Korea**
Mathematics Study Abroad	*Sept 2024 – Dec 2024*

Relevant Courses: Data Types & Structures, Tools & Techniques for Software Development, Intro Computer Systems, Object-Oriented Programming, Intro Databases, Algorithms, Intro Artificial Intelligence, Computational Vision, Application Development

EXPERIENCE

REMSOFT	**Ottawa, ON**
Software Developer Co-op	*Jan 2025 – Apr 2025*

- Built custom geoprocessing tools using ESRI's Python package, to reduce data transformation processing time by 75%.
- Developed ETL process leveraging Azure Functions and blob storage, removing company dependency on third-party software and eliminating external errors.
- Expedited 4 years' worth of data intake, driving completion of year-long outstanding initiative in under 2 months.

IBM	**New York, NY**
Business Transformation Consultant Intern	*May 2024 – Aug 2024*

- Developed automation scripts to create weekly reports, reducing time spent by 30-60%, enhancing performance and responsiveness for critical business processes.
- Designed and built user-friendly interface used in client demos, successfully capturing client interest which contributed to closing a $13.8M deal.
- Completed over 100 hours of professional development demonstrating commitment to continuous learning and skill enhancement.

LIM GEOMATICS	**Ottawa, ON**
Software Developer Co-op	*Jan 2024 – Apr 2024*

- Architected mobile application, ensuring adherence to project requirements and user expectations.
- Collaborated in three-person team to drive development of mobile application to nearly 80% completion in 2 months.
- Proficiently resolved support tickets, across multiple programming languages, including C#, C++, and Java.

VOLUNTEERING & LEADERSHIP

**Women in Tech Event Host	IBM**	*June 2024*

- Organized and led a high-impact event with over 100 participants, featuring guest speakers including the energy industry lead, fostering diversity and inclusion in the tech community.

**Lead Executive	UWaterloo SERVE Volleyball Club**	*May 2023 – Dec 2023*

- Created engaging content for multiple social media apps to reach targeted demographics and successfully improve club interest rates by 20%, solidifying SERVE as the largest athletic club on campus with 550+ members.

SKILLSET

- Python, C#, C/C++, Java, SQL, JavaScript, Dart, Houdini VEX
- Azure, Git, Flutter, ArcGIS Pro, Houdini, ReactJS, NodeJS, React Native, Android Studio, XCode, Figma
- Windows, MacOS
- Adaptability, Communication, Collaboration, Organization, Leadership, Problem Solving, Resourceful