

Joshua Li

(416) 458-5182 | joshual2004.work@gmail.com | [linkedin.com/in/joshli04/](https://www.linkedin.com/in/joshli04/) | github.com/JoshLiCoding | joshuali.ca

Education

September 2022 - Present

University of Waterloo – *Bachelor of Computer Science*

September 2018 - May 2022

Upper Canada College – *IB Diploma, OSSD*

98 OSSD average and 42/45 IB point total. Served as:

- ❖ Senior VP of Algorithms and Competitions at Coding & Algorithms Academy
- ❖ Head of STEM Fellowship Data Science at STEM Committee
- ❖ Head of Website Development at Amnesty International Club
- ❖ Contest Committee Member at Math Society

Experience

React.js, MongoDB, Node.js, Google Drive API

Software Engineer, Intern @ Pensieve

- Silicon Valley-based startup (Carnegie Mellon University Incubator)
- Communicated virtually with a world-class team
- Built an efficient UX by implementing features such as Google Drive upload, CKEditor 5, highlight dot-voting, affinity map zoom/pan, etc.
- Created a robust frontend UI through various stylistic changes
- Find product (producthunt.com/posts/pensieve-2)

React.js, Chakra UI, Firebase - Realtime Database, Storage

Co-founder @ NOTZR

- Created notes-sharing platform for Toronto IB students
- Built catalogue and upload pages while learning React.js
- Overcame non-programming challenges, including notes gathering and platform promotion
- Find website (notzr.com), GitHub repository (github.com/i4x04/notzrV1)

Python - CNN, Natural Language Processing (Bag-of-Words, LSTM, BERT), Imitation Learning, Reinforcement Learning

Student @ Inspirit AI Summer Program & Deep Dives

- Explored approaches to natural language processing in finance and autonomous driving
- Learned various AI techniques
- Find organization (inspiritai.com)

Microsoft Azure - Storage, Virtual Machine, Internet of Things

Academic Mentee @ Scholar Launch with NYU Professor J.C. Franchitti

- Carried out tasks around new technologies
- Exposed to Amazon Kinesis, Apache Spark and Microsoft CNTK as well

Awards

American Invitational Mathematics Exam (AIME): Qualified in 2020, 2021 and 2022 through top achievements on the American Mathematics Competition (AMC)

USA Computing Olympiad (USACO): Gold division or approx. top 20%