

# Joshua Li

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## Education

September 2018 - May 2022

**Upper Canada College - IB Diploma, OSSD**

45/45 IB point total and 98 OSSD average on April report card. 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

**Note:** I will be enrolling at University of Waterloo (Computer Science) in the coming fall

## 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](https://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](https://notzr.com)), GitHub repository ([github.com/j4x04/notzrV1](https://github.com/j4x04/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](https://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%