181 Lester St, 1401
Waterloo ON N2L 0C2

XINGJIAN HAN (RYAN)

(226) 220-4030
ryan.han@uwaterloo.ca

EMPLOYMENT

Sales Representative, Intern	McGraw-Hill Education	Summer 2016

- Showcased and promoted the company product on street
- Interaction with potential customers (mostly children)
- Organizing product-oriented events to gain brand awareness

Student Ambassador	iTalkBB Global	Summer 2017

- Aimed to increase brand recognition locally and gather new customers (mostly students)
- Liaison with local student organizations and promote company product through sponsorships

Junior Data Scientist, Intern	Tabnex Inc.	Fall 2018

- Implemented data collection module to collect customers' email content for machine learning
- Optimized built-in Gmail API
- Implemented natural language processing module to classify potential candidates (Microsoft LUIS API)

Guest Speaker & Sponsorship	TEDx Youth	Summers 2018

- Introduced the concepts of machine learning and blockchain and their applications and impact in society
- Liaison with local sponsors and arrange venue

EDUCATION

Waterloo, ON	University of Waterloo	Fall 2016 – Present

- Velocity Resident: member of the largest free incubator and entrepreneurial environment of the world
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Engineering Entrepreneurship; Calculus III.

TECHNICAL EXPERIENCE

Projects
- **Reflect** (2016): use Bootstrap to develop a widget on Waterloo Portal that allows students to stare opinions on trending events
- **Social Media Analyzer** (2017): use multiple social media APIs to analyze users' behavior through machine learning
- **CloudEase** (2018): use machine learning to analyze costumers shopping behavior on cloud

ADDITIONAL EXPERIENCE AND AWARDS

- **Grade 10 Accordion**: highest level of mastery
- **Presidential Scholarship**: in recognition of exceptional achievement
- **First Aid & CPR Level C/AED Certificate**
- **Culture-fair Intelligence Test 125**: top 2.9%

Languages and Technologies
- C++; C; Python; Scheme; SQL; JavaScript; HTML; CSS
- Spark; MySQL; Pandas; Numpy; D3.js; Matplotlib; Google Cloud Service; etc