

# Yuqing (Sunny) Huang

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## SKILLS

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- **Proficient in:** Python, C, LaTeX, Racket/Scheme
- **Exposed to:** HTML/CSS, Javascript, Coq
- **Software/frameworks/libraries:** Anaconda, Adobe Illustrator, iMovie, Microsoft Office
- Strong communication and organizational skills developed through 8-month job as a tutor evaluator
- Mandarin: Native language; English: Professional level; French: Intermediate level

## PROJECTS

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### Data Analysis with Python

January 2019

- Performed extensive analysis on Uber data about pickups frequency patterns using **Jupyter Notebook**.
- Implemented graph representations to model and compare different aspects of countries' economic growth.
- Analyzed **big data** using data aggregation and sampling.

### Python Interactive Calculator

August 2018

- Created a calculator with user interface design using **Python**.
- Conducted thorough testing on the project and checked how the calculator handles edge cases.

### My Travel Experience Website

December 2018

- Used **HTML/CSS** to showcase my travel experience through a self-created interactive website.
- Incorporated modern website design principles and advanced photography techniques.

## EXPERIENCE

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### StarterHacks 2019

Waterloo, ON

Front-end Engineer

January 2019

- Coordinated a team of five to accomplish a project prototype using **Python** and **Arduino** in 24 hours.
- Built a website using **HTML/CSS** to display dynamic luminosity data from the light sensor.

### University of Waterloo

Waterloo, ON

Drop-in Tutoring Evaluator

October 2018 - April 2019

- Provided constructive and valuable feedback on Waterloo residence drop-in tutoring program.
- Established a positive working relationship with my supervisor through active connection and strong commitment.

## AWARDS AND ACHIEVEMENTS

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- Faculty of Mathematics Global Scholarship (\$25000) for top 1% performance in Waterloo Math contests
- Award for Academic Excellence (graduated with the highest GPA in IB Programme)
- 2017 American Invitational Mathematics Examination (AIME) (top 5% at American Mathematics Competitions)
- An active speaker at the University of Waterloo Model United Nations (UWMUN) Fall 2018

## EDUCATION

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### University of Waterloo

Waterloo, ON

Candidate for Bachelor of Science, Computer Science, Co-op

September 2018 - June 2022

- GPA/Average: 96% - Academic Excellence