



# ANDREW YANG

SOFTWARE  
DEVELOPER

STUDENT

## / ABOUT ME

I AM A SELF-TAUGHT SOFTWARE DEVELOPER WITH A STRONG UNDERSTANDING OF LOGIC AND PROGRAMMING. MOTIVATED TO LEARN AND WORK, SEEKING OPPORTUNITIES TO BRING ADVANTAGES AND POTENTIALS FOR SELF-GROWTH.



## / CONTACT DETAILS

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**Mobile No.** +1(519) 754-6616

## / WORK EXPERIENCE

### >> Core Developer

**Dystic | Oct 2020 - Jan 2021**

MHacks 13 Beta 1st Place project. Funded and backed by Google Cloud Education. Full stack web application to make job search more accessible.

### >> Public Outreach Organizer

**Def Hacks | Mar 2021 - Present**

Organizing Def Hacks Worldwide 3.0, in June, 2021. Emailing sponsors and guest speakers. Managing and updating the website in HTML and CSS.

### >> Computer Science Tutor

**Peak Education Inc. | Jan 2021 - Present**

Tutoring students the fundamentals of computer science, including Python and Web Developments. Mentoring children with a great computer science journey.

### >> Full Stack Web Developer

**Def Hacks | Oct 2020 - Jan 2021**

Def Hacks Learn is a full stack web application created for providing free computer science courses.

### >> Web Developer

**CURA Compliance | September 2020 - Present**

Managed e-commerce sites with SEO accessibilities, writing custom components in HTML and CSS

### >> Web Developer and Curriculum Design Intern

**TheOpenCode Foundation | July 2020 - Present**

TheOpenCode Foundation aims to spread computer science amongst the less fortunate communities. As an intern, I design curriculums for courses such as Web Development and Python.

### >> Software Developer

**University of Waterloo | Aug 2020 - Sept 2020**

Data simulation software using trends from real-life data. Built using Python, Numpy, and Pandas.

## / PROJECT PORTFOLIO

### >> XSpace

**Full-Stack Application**

Built with React, NextJS, GraphQL, Express and Apollo. Powered by SpaceX API

### >> Exercise Tracker

**MERN Stack Application**

Fully integrated with MongoDB database, supports CRUD operations. Records exercise and duration

### >> Fake Imgur

**Full Stack Application**

Image repository app, supports upload, buy/sell, update price; general CRUD operation, authentication. Powered by Firebase



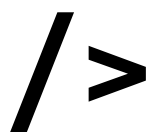
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## / ALL ABOUT ME

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## / EDUCATION HISTORY

### >> Sir John A. Macdonald Secondary School

High School Diploma | 2019 - 2023

- > CO-FOUNDER OF SJAM HACKATHON CLUB
  - LEAD SOFTWARE DEVELOPMENT WORKSHOPS
- > ACADEMIC HONOUR ROLL

## / VOLUNTEER EXPERIENCE

### >> Mentor

Major League Hacking | Oct 2020 to Present

Mentoring at many hackathons including TOHacks, Hack the North 2020++, Def Hacks Global 2020. Helping hackers initializing their development environment, debug their project, and project ideation.

### >> Workshop Speaker

Stuy Hacks | Oct 2020 to Present

Led an Introduction to Python workshop for beginner hackers. Led a project including all fundamental concepts of Python.

### >> Judge

Major League Hacking | Oct 2020 to Present

Participates in bi-weekly MLH hackathons to judge hackers project submission based on originality, design, completeness, and technology used.

## / COURSES

- MPM2DW
- SNC2DW
- ICS3UI
- MPM1DW
- SNC1DW
- DEEPLARNING.AI COURSE

## / CERTIFICATES

- DEF HACKS MENTOR
- REACT + REDUX COURSE [SOLOLEARN]
- JAVASCRIPT COURSE [SOLOLEARN]
- PYTHON 3 COURSE [SOLOLEARN]
- PHP COURSE [SOLOLEARN]
- C# COURSE [SOLOLEARN]
- C++ COURSE [SOLOLEARN]
- JAVA COURSE [SOLOLEARN]

## / COMPETENCIES AND SKILLS

LANGUAGES	FRAMEWORK AND TOOLS	WORKPLACE SKILLS
■■■■■ PYTHON	■■■■■ NODE.JS	PROBLEM SOLVING
■■■■■ JAVASCRIPT	■■■■■ REACT.JS	DESIGN
■■■■■ JAVA	■■■■■ REST API	COLLABORATION
■■■■■ C#	■■■■■ GRAPHQL	IDEATION
■■■■■ C++	■■■■■ MACHINE LEARNING	INDEPENDENCE
■■■■■ HTML	■■■■■ FIREBASE	BRAINSTORM
■■■■■ CSS	■■■■■ GOOGLE CLOUD PRODUCT	WORK-EFFICIENCY
	■■■■■ GIT	SELF-LEARNING
	■■■■■ FLUTTER	MENTOR

## / OTHER INTERESTS

- > Role and growth of technology and frameworks
- > Development of local businesses
- > Community involvement and outreach
- > Skill-building for more opportunities
- > Calculus and theoretical mathematics
- > Machine learning, deep learning and neural networks