Harry Chen

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Education

- **Georgia Institute of Technology** — Atlanta, GA
  Master of Science, Computer Science — *2022*
    - Specialized in Machine Learning. GPA 3.8.
    - Took courses in Deep Learning, Computer Vision, Knowledge-based AI, AI for Robotics, Human-Computer Interaction, and Graduate Algorithms.

- **University of Toronto** — Toronto, ON
  Bachelor of Applied Science, Mechanical Engineering — *2014*
    - Graduated with Honours. GPA 3.5. Ranked 13th of 169 with 89% average in final semester.
    - Minor in Robotics and Mechatronics.

Professional Experience

- **Altcademy.com** — Remote
  CEO, Co-founder — *2016 – 2022*
    - Democratized coding by building the most affordable coding bootcamp.
    - Altcademy was ranked as the top 3 online coding bootcamp in 2021 by SwitchUp.
    - Made $1,150,000 of total revenue and $458,000 in 2021 with a net profit margin of ~85%.
    - Managed $182,000 of ad spend, and ran performance marketing with Facebook and Google ads using self-developed Python scripts that achieved 2.3x ROAS.
    - Built feature-complete e-learning software (backend in Ruby on Rails, frontend in ReactJS, remote code execution in Python).
    - Developed proprietary full-stack web development curriculum (Rails, JavaScript, ReactJS, HTML&CSS, Data Structures and Algorithms).
    - Taught and mentored ~1,000 paid students, and helped 30,000 people learn programming.
    - Designed end-to-end user experience and sales funnel with email sequences, online ad retargeting and user interviews.

- **Various software products** — Remote
  Co-founder — *2014 – 2022*
    - Built BetterWriter.ai, an AI text-generation B2B SaaS tool using GPT-3, currently at $10,000 in annual recurring profit.
    - Built EmailRefinery, an experimentation-focused email marketing tool that has the best-in-class graphical interface to design email sequences and versioning.
    - Built Nvest, a social platform for stock recommendations, which received $30,000 in seed funding from a University of Toronto startup incubator.

- **General Assembly** — Hong Kong
  Lead Instructor, Full-stack Web Development — *2014 – 2015*
    - Instructed three classes of 30 students with 95% employment rate after graduation, which helped generate $344,000 of revenue.
    - Taught the latest full-stack web development technologies (Rails, Node.js, AngularJS, Ionic.js, MongoDB, PostgreSQL, AWS).

- **Microsoft** — Redmond, WA
  Product Manager Intern, New Product — *Summer 2013*
    - Received return offer as a full-time Product Manager.
    - Designed software features for a new product in Microsoft Office division.
    - Worked with a team of engineers to build and test with Agile development methods.

Software

- Frameworks/Libraries: Ruby on Rails, ReactJS, Pandas, PyTorch

- Programming Languages: Ruby, JavaScript, Python, HTML&CSS

- DevOps: AWS, Google Cloud, Heroku

Awards

- Partners for the Advancement of Collaborative Engineering Education Award

- Ontario Professional Engineers Foundation Undergraduate Scholarship

- Natural Sciences and Engineering Research Council of Canada Award (courteously declined)

- University of Toronto President's Entrance Scholarship

- British Columbia Graduation Program Examinations Scholarship

Other

- Canadian Citizen. Native speaker in English, Cantonese and Mandarin.