

# Yuchong Pan

<http://ypan.me>

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## EDUCATION

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- **University of British Columbia** Vancouver, BC  
*Bachelor of Science* September 2017 – May 2021 (Estimated)

## EXPERIENCE

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- **Sogou Inc.** Beijing, China  
*Software Engineer Intern* May 2017 - July 2017
  - **Speech-Recognition & OCR Proofreading Tools:** Service for internal proofreading and testing of AI-Cloud services; using Bootstrap, Vue.js, Flask and Docker.
  - **Fapiao (Invoice) Recognition Service:** Service for Fapiao (invoice) format and content recognition; using Flask and scikit-image; based on Sogou AI-Cloud OCR API; primarily used for reimbursements of Sogou's financial department.
- **hack.init()** Shanghai, China  
*Co-Founder, Executive Board Member & Director of Tech Department* February 2017 - Present
  - **hack.init() Hackathon 2017:** China's premier youth hackathon; July 8 to 9 at ShanghaiTech University; website at <http://hackinit.io>; press coverage at <https://goo.gl/ZFX3Ni> and at <https://goo.gl/QXx8HM> (Simplified Chinese)
  - **Management:** As co-founder, I negotiated sponsorships from big corporations, including Google, Apple, Sogou and Wolfram, venture capitals and incubators. I also controlled the direction of the event.
  - **Technology:** I built the website of the event, <http://hackinit.io>, including the front-end and the back-end. I am responsible for server maintenance.
- **InitialView** Beijing, China  
*Software Engineer Intern* September 2016 – Present
  - **Web Development:** I worked on the front-end, the back-end and server maintenance with the tech team. I built and maintained the company's homepage, booking system, student portal, admissions portal and video players.
  - **App Development:** I worked on the company's mobile apps on iOS and on Android.

## PROJECTS

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- **Vox:** A tool that redefines information structure for audio documents, with visualization and vertical search; based on Django; 1st place at i-Lab Hackathon 2017.
- **GitArt:** A GitHub-like idea-sharing and collaboration platform for artists, based on Django; Best Hack of Innovation at Unique Hackday 2017.
- **Viso:** A coding interview platform with Leap Motion anti-cheating system; based on Flask; 2nd place at HackNanjing 2017.
- **Aquatopia:** A monitoring, alerting and visualization system for environmental data; based on Django; project at PennApps XV.
- **HackSearch:** A vertical, distributed search engine; based on Golang architecture and D3.js; top 9 and InnoSpring award at HACKxFDU.

## AWARDS

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- **1st Place, Microsoft College Code Competition** September 2017
- **Outstanding International Student Award, University of British Columbia** February 2017
- **Silver Medal, China Team Selection Competition** May 2015
- **Bronze Medal, Asia Pacific Informatics Olympiad** May 2015
- **First Prize, National Olympiad in Informatics in Provinces** November 2013

## PROGRAMMING SKILLS

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- **Languages:** C++, Python, Racket, Go, JavaScript, MySQL, HTML, L<sup>A</sup>T<sub>E</sub>X
- **Technologies:** Django, Flask, Bootstrap, Vue.js, AngularJS, D3.js, Node.js, Marko.js, Ionic, Nginx, Redis, Docker