

# Yuchong Pan

http://ypan.me

Email : panyuchong@gmail.com

Mobile : +1-604-782-7439

## EDUCATION

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- **University of British Columbia** Vancouver, BC  
*Bachelor of Science* September 2017 - May 2021 (Estimated)
  - **Related Coursework:** Computation, Programs, and Programming; Models of Computation; Software Construction

## 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:** Co-founded the hackathon; negotiated sponsorships from big corporations, including Google, Apple, Sogou and Wolfram, venture capitals and incubators; controlled main direction of the event.
  - **Technology:** Sole developer of event website <http://hackinit.io>; developed front-end and back-end; maintained server.
- **InitialView** Beijing, China  
*Software Engineer Intern* September 2016 - Present
  - **Web Development:** Developed internal back-end API; developed front-end of InitialView's booking system, student portal, admissions portal and interview player; refactored InitialView's homepage.
  - **App Development:** Developed InitialView's mobile app on iOS and 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 hardware anti-cheat system; based on Flask and Leap Motion; 2nd Place at Hack{Nanjing} 2017.
- **Aquapopia:** 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 2016.
- **e-word:** A desktop app for English vocabulary memorizing; built in Delphi.

## AWARDS

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- **1st Place, Microsoft College Code Competition** September 2017
- **1st Place, i-Lab Hackathon** June 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, Java, Ruby, MATLAB, Racket, Go, JavaScript, MySQL, HTML,  $\text{\LaTeX}$
- **Technologies:** Django, Flask, Tornado, Microservices, Bootstrap, Vue.js, AngularJS, D3.js, Node.js, Marko.js, Ionic, Nginx, Redis, Docker