

Yuchong Pan

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EDUCATION

- **University of British Columbia** Vancouver, BC
Bachelor of Science September 2017 - May 2021 (Estimated)
 - **Relevant Coursework:** Systematic Program Design; Models of Computation; Software Construction

EXPERIENCE

- **Microsoft** Vancouver, BC
Software Engineering Intern May 2018 - August 2018
- **Sogou Inc.** Beijing, China
Software Engineering 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; used for reimbursements of Sogou's financial department.
- **THE Hack / 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 <https://2017.hackinit.org>; press coverage at <https://goo.gl/ZFX3Ni> and <https://goo.gl/QXx8HM>.
 - **Corporate Relations:** Negotiated sponsorships from big corporations, including Google, Apple, Sogou and Wolfram, venture capitals and incubators.
 - **Technology:** Led developer team of event website; developed front-end and back-end; maintained server.
- **InitialView** Beijing, China
Software Engineering 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

- **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.
- **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 Elasticsearch, D3.js and Golang; Top 9 and InnoSpring Award at HACKxFDU 2016.

AWARDS

- **27th Place, North American Invitational Programming Contest Open Division** March 2018
- **11th Place, ACM International Collegiate Programming Contest Pacific NW Region** November 2017
- **1st Place, Microsoft College Code Competition** September 2017
- **1st Place, i-Lab Hackathon** June 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

- **Languages:** C++, Python, Java, Scheme, Standard ML, Ruby, MATLAB, Racket, Go, JavaScript, MySQL, L^AT_EX
- **Technologies:** Django, Flask, Tornado, Microservices, Bootstrap, Vue.js, AngularJS, D3.js, Node.js, Marko.js, Ionic, Nginx, Redis, Docker, Amazon AWS, Microsoft Azure