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**: Sole developer 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, LaTeX
- **Technologies**: Django, Flask, Tornado, Microservices, Bootstrap, Vue.js, AngularJS, D3.js, Node.js, Marko.js, Ionic, Nginx, Redis, Docker