

# Yuchong Pan

Room 1602B  
Hua Qing Shang Wu Hui Guan  
Haidian District, Beijing, China 100083

Phone: (86) 138-6752-7534  
Email: [panyuchong@gmail.com](mailto:panyuchong@gmail.com)  
GitHub: <https://github.com/yuchong-pan>

## Personal

Born on March 21, 1998.

People's Republic of China Citizen.

## Education

Bachelor of Science, University of British Columbia, 2017– .  
*Having a gap year from September 2016 to August 2017.*

Shaoxing No. 1 High School, 2013–2016.

## Employment

Co-Founder, Co-Chairman & Director of Tech Department, `hack.init()`, 2017– .  
*Co-Founded the `hack.init()` hackathon, which aims to be China's premier youth hackathon. Working on management, tech support, corporate relations, recruitment, etc. The prospectus of the hackathon is available at <http://y-pan.co/s/doc/hackinit.pdf>.*

Full-Stack Software Engineer (Internship), InitialView, 2016– .  
*Working on the front-end, back-end and mobile apps. Helping build and maintain InitialView's homepages, booking system, student portal, mobile apps, etc.*

## Projects

Aquatopia, 2017.  
*A monitoring, alerting and visualization system for environmental data, available at <https://devpost.com/software/aquatopia> and at <https://github.com/ShaoLinZhang/aquatopia>. I designed the entire architecture of the web server and implemented the front-end and the back-end.*

Hack Search, 2016.  
*A field-specific, distributed search engine, available at <https://github.com/joway/HackSearch>. I designed and implemented the front-end.*

Structure and Implementation of Computer Programs, 2016–.  
*Ongoing, available at <https://github.com/yuchong-pan/sicp>.*

e-word, 2012–2013.  
*A software program for English vocabulary memorizing, available at <http://pan.baidu.com/share/link?shareid=482913&uk=355930340>. I designed and implemented the entire program.*

## Awards

Outstanding International Student Award, University of British Columbia, 2017.  
Top 9 and InnoSpring Award, HACKxFDU hackathon, 2016.  
Silver Medal, International Olympiad in Informatics China Team Selection Competition, 2015.  
Bronze Medal, Asia Pacific Informatics Olympiad, 2015.  
Top 500, Google Code Jam, 2015.  
Top 1000, Microsoft Beauty of Programming Challenge, 2014 & 2015.  
First Prize, National Olympiad in Informatics in Provinces, 2013 & 2014.  
Second Prize, National Olympiad in Informatics in Provinces, 2011 & 2012.

## Certificates

Programming Ability Test (Advanced), Zhejiang University, Score 100/100, Rank 1/532.  
*The introduction to Programming Ability Test can be found at <https://www.patest.cn/p/articles?id=50>.*  
TOEFL iBT Test, Score 96/120.  
IELTS Test, Score 7.0/9.0.  
SAT Test, Reading 600/800, Mathematics 800/800, Writing 720/800, Essay 11/12.  
Advanced Placement Exams, Calculus BC 5/5, Statistics 5/5, Computer Science A 5/5.

## Experience

Participant, PennApps hackathon at University of Pennsylvania, 2017.  
Participant, HACKxFDU hackathon at Fudan University, 2016.  
Private English Tutor, 2016.  
Propositional Person of ACM-ICPC Multi-University Training Contests, Hangzhou Dianzi University Online Judge System, 2014.  
Student Lecturer of Olympiad in Informatics, Shaoxing No. 1 High School, 2013–2016.  
Propositional Person of Olympiad in Informatics Training Contests, Shaoxing No. 1 High School, 2013–2016.

## Community Service

Volunteer Guide, Shaoxing Luxun Native Place, 2015.  
Volunteer at the Radiological Department, Shaoxing People's Hospital, 2014.  
Volunteer of Emergency Medical Treatment, Shaoxing People's Hospital, 2013.

## Languages

C, C++, Java, Python, Pascal, Matlab, Octave, Racket, Scheme, Standard ML, Go, JavaScript, HTML,  $\text{\LaTeX}$ .

Chinese (Mandarin), English.

## Skills

Web Development: Django, HTML/CSS, JavaScript, D3.js, Vue.js, AngularJS.

App Development: Ionic, Delphi.

Infrastructure: Nginx, Unix, Docker.

## Courses

Machine Learning, Stanford University, Coursera.

*Completed the course with a final grade of 100.0%.*

Programming Languages (Part A), University of Washington, Coursera.

*Completed the course with a final grade of 98.6%.*