Yuchong Pan

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Personal

Born on March 21, 1998.

People's Republic of China Citizen.

Education

B.Sc., University of British Columbia, September 2017–May 2021 (Estimated).
Took a gap year from May 2016 to August 2017.

Shaoxing No.1 High School, September 2013–June 2016.

Employment

Garage Intern, Microsoft, May 2018–August 2018.

Software Engineer Intern, Sogou Inc., May 2017–July 2017.
Implemented internal speech-recognition and OCR proofreading tools. Implemented Fapiao (Invoice) Recognition Service based on Sogou AI-Cloud OCR API.

Co-Founder, Executive Board Member & Director of Tech Department, hack.init(), February 2017– .
Co-Founded the hack.init() hackathon, which aims to be China's premier youth hackathon. Worked on management, tech support, corporate relations, recruitment, etc. Sole developer of the event's website `http://hackinit.io`.

Software Engineer Intern, InitialView, September 2016– .
Worked on front-end, back-end, mobile apps and server maintenance. Built and maintained InitialView's homepages, booking system, student portal, mobile apps, etc. Mentored other interns.

Projects

Vox, June 2017.
A tool that redefines information structure for audio documents, with visualization and vertical search, available at `https://github.com/yuchong-pan/vox`. *I served as Chief Technology Officer and implemented the front-end of the project.*

GitArt, June 2017.
A GitHub-like idea-sharing and collaboration platform for artists and for story tellers based on Git, available at `https://github.com/Yiluo-pHoton/GitArt`. *I designed the entire architecture of the web server, implemented the back-end (GitHub-like API) and was involved in building the front-end.*

Viso, May 2017.
A coding interview platform with Leap Motion anti-cheating system, available at `https://github.com/yuchong-pan/viso`. *I designed the entire architecture of the web server and implemented the front-end and the back-end.*

Aquatopia, January 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, October 2016.
A field-specific (vertical), distributed search engine, available at `https://github.com/joway/HackSearch`. *I designed and implemented the front-end.*

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

11nd Place, ACM International Collegiate Programming Contest, November 2017.

1st Place, Microsoft College Code Competition, September 2017.

1st Place, i-Lab Hackathon, June 2017.

6th Place & Best Award for Creativity and Innovation, Unique Hackday, June 2017.

2nd Place, HackNanjing, May 2017.

Outstanding International Student Award, University of British Columbia, February 2017.

Top 9 & InnoSpring Award, HACKxFDU, October 2016.

Silver Medal, International Olympiad in Informatics China Team Selection Competition, May 2015.

Bronze Medal, Asia Pacific Informatics Olympiad, May 2015.

Top 500, Google Code Jam, May 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.

Certificate of Arts Grade Examination of China, Violin, Grade 10.

Experience

Summer Coach of Olympiad in Informatics, Shaoxing No. 1 High School, July 2016.

Private English Tutor, February 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.

Press Coverage

Students' 24-hour hackathon to pioneer their invention, Shanghai Daily, August 2017.
Available at `http://www.shanghaidaily.com/district/pudong/Students-24hour-hackathon-to-pioneer-their-inv`
`shdaily.shtml`.

hack.init() 2017 International Hackathon, TechNode, August 2017.
Available at `http://cn.technode.com/hack-init2017/`.

Community Service

Volunteer Guide, Shaoxing Luxun Native Place, July–August 2015.

Volunteer at the Radiological Department, Shaoxing People's Hospital, July–August 2014.

Volunteer of Emergency Medical Treatment, Shaoxing People's Hospital, July–August 2013.

Languages

C, C++, Java, Python, Ruby, Pascal, Matlab, Octave, Racket, Scheme, Standard ML, Go, JavaScript, MySQL, HTML, LaTeX.

Chinese (Mandarin), English.

Skills

Full-Stack Web Development: Django, Flask, Tornado, Go, Microservices, HTML/CSS, JavaScript, Bootstrap, Vue.js, AngularJS, D3.js, MySQL, Node.js, Marko.js, Web Design.

App Development: Ionic, Delphi.

Infrastructure: Nginx, Redis, Docker, Unix/Linux.

Other: Team Leadership, Corporate Relations, Marketing, Public Relations.

Courses

Computation, Programs, and Programming (CPSC 110), University of British Columbia
Challenged the course with a final grade of 94%.

Programming Languages (Part C), University of Washington, Coursera.
Completed the course with a final grade of 99.3%.

Programming Languages (Part B), University of Washington, Coursera.
Completed the course with a final grade of 99.6%.

Programming Languages (Part A), University of Washington, Coursera.
Completed the course with a final grade of 98.6%.

Machine Learning, Stanford University, Coursera.
Completed the course with a final grade of 100.0%.