

Wang Boyang

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EDUCATION

Yale University Fall 18

- Master of Science in Computer Science (Dropout)

National University of Singapore Aug 10 – Jun 15

- Bachelor of Computing (Honors) in Computer Science
- Two times Dean's Lister (Top 5%)

WORK

Senior Fullstack Engineer, DEx.top, Bitmain Jul 18 – Present

- Happily employed. Building cool stuff

Senior Engineer, AliData dt.alibaba.com, Alibaba Group Dec 17 – Jun 18

- Led frontend development effort for Business Advisor, Alibaba's big data product for Southeast Asia markets. See sellercenter.lazada.sg/ba
- Built exception monitoring and alarm service for Clue, Alibaba's internal system exception monitoring platform. Patent pending

R&D Engineer II, Hola.org Jun 16 – Dec 17

- CDN & video experience product holaspark.com
- Business proxy network product luminati.io
- Implemented end-to-end online video analytics framework, from frontend data harvest, reliable reporting, to preprocessing, aggregation and chunking, to user query parsing and visualization
- Web video playback, player implementation, media events, codec, mux/demux, especially HLS streaming protocol and MP4 container format standard

Application Developer, J.P.Morgan May 14 – Aug 14, Jul 15 – Jun 16

- J2EE system for securities (mostly equity) clearing, settlement and reconciliation
- Served as intern lead

INTERNSHIPS

DevOps Developer, ViSenze May 15 – Jun 15

- Automate AWS deployment using Ansible and custom modules developed in Python

Student Tutor, CS2020 Data Structures and Algorithms Accelerated, NUS Jan 14 – May 14

- A course by invitation, catered to those intend to accelerate curriculums
- Conduct tutorial classes and consultation sessions. Illustrate algorithms and proofs
- Gave talk on internships, school courses and career possibilities. Material available: [RoadAhead.pdf](#)

Web Developer, PowerMe Pte. Ltd.

May 13 – Aug 13

- Interactive JS chart for a PHP webapp that auto grade Math questions

Consultant, Normstar Consulting Group

May 12 – Aug 12

- See through the commencement and completion of a recruitment project, which hired more than 1200 employees from more than 15000 candidates for Shenhua Group, world's largest coal-producing company
- Responsibility ranging from hosting written tests & interviews, collating scores and role preferences, to travel bookings & claims

SIDE PROJECTS**Retailer, a retail simulation game: retailer2.net**

- Simulation game used in university economics and decision science classes

NUSarcast: nusarcast.com

- Webcast video player with Danmaku (bullet comments), also developed beta iOS version

LGQM Generator: lqq

- Use RNN (Recurrent Neural Network) to generate novel in Chinese

*For a list of projects, visit wangboyang.com

EXTRA-CURRICULAR**Lecturer, PerkSummit perksummit.com/nova**

Aug 18

- Annual summit where top Chinese high school students meet invited lecturers for seminars, social entrepreneurship competitions and networking opportunities
- Taught Abnormal Psychology & Psychiatry, which I minored in undergraduate studies

Section Lead & Property Manager, NUS Guitar Ensemble

Jun 11 – May 12

- Concert rehearsals and logistics. Instrument sourcing & management
- Excellent Contribution Award by NUS Centre for the Arts (CFA)

Volunteer, Simei Rehabilitation Care Centre

Jun 11 – Jul 11

- Took care of and bonded with rehabilitating patients with mental disorders

PATENTS**A Method to Monitor and Alert Software System Exceptions Using Sandbox Components**

- Utility Patent. Application number: 201810969090.3