HUANG Nanxiong

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EDUCATION

University of California, San Diego   **Sept. 2016–Jun. 2017**
- Exchange Program in Computer Science & Engineering;
- Full Scholarship awarded by Beijing Municipal Education Commission.

Beijing University of Civil Engineering and Architecture   **Sept. 2013–Jul. 2017**
- Undergraduate Program in Engineering in Building Environment and Energy Engineering;
- GPA: 3.58/4.0 (**Ranked 2nd/79**).

Coursework:
- Ongoing: Advanced Data Structures, Theory of Computation, Design and Analysis of Algorithms
- Finished: Introduction to CS: Java, Basic Data Structures and OO Design, Software Tools and Techniques Lab

Awards:
- 2016 Merit Student, awarded by BUCEA;
- 2015 The 2nd Prize of Scholarship of Academic Excellence, awarded by BUCEA;
- 2014 The 3rd Prize of Scholarship of Academic Excellence, awarded by BUCEA.

WORK EXPERIENCE

Software Engineer, Part-time Job   **WHATYOUNEED**   **Apr. 2016–Aug. 2016**
- Developed extensible server-side codes for the media website (www.whatyouneed.cc) using PHP and MySQL;
- Used bootstrap for quick development of background for website administrator as a Full-Stack developer;
- Installed LNMP on CentOS in ALIYUN and using PHP to provided restful APIs for over 700 thousand readers;
- Designed model and built server-side code for Movie Review Project with more than 1000 reviews;
- Implemented UEditor which reduced 50% workload of Editors, wrote APIs for easy connection of database.

Marketer, Campus Agent   **KINGSOFT**   **Mar. 2014–Mar. 2015**
- Effactually coordinated an office software training for over 300 people and hugely improved user experience;
- Organized *PowerPoint Design Competition* in BUCEA and attracted new software users for the company.

PROGRAMMING PROJECTS

Little Bear Chat Robot(PHP, Android)   **Since Feb. 2016**
- Built a chatting Android application aiming at providing people with a virtual friend;
- Used PHP to integrated existing robot APIs into own server, which successfully called to provide several replies for the same questions to make robot more realistic;
- Implemented facial recognition user system that helped to protect privacy for users.

2048 Game(Java)   **Oct. 2016**
- Developed logics for 2048 Game including matrix manipulation, board rotation, and game process management;
- Designed nice-looking graphical user interface using JavaFX.

Alumnus Website, Technical Leader(PHP, Full-Stack)   **Oct. 2015-Jan. 2016**
- Designed Alumni Contact Website which equipped the functions of address book and instant message for universities;
- Built up accurate search based on school names, majors and years of graduation to quickly identify target alumni;
- Provided to VC as one of the two most outstanding projects in *Chinese University Student 0-1 Startup Competition*.

Web Crawler Tool(PHP)   **Mar. 2015-Oct. 2015**
- Implemented PHP CURL library on server in SAE to automatically log in student account after one-time login;
- Provided a new approach for BUCEA students to check personal timetables, scores, and activities by a single click in Wechat.

Last Mile Delivery Platform, Team Leader & Programmer(PHP)   **Dec. 2014-Mar. 2015**
- Created an O2O delivery platform applying sharing economy model, and saved 20 minutes on average for each usage;
- Provided opportunities for students to earn money by helping others to pick up packages while getting their delivery;
- Programed on server-side and used Wechat Service Account as client-side user interface with easy accessibility;
- Displayed the project on B*eijing Youth Science Festival*.

EXTRACURRICULAR EXPERIENCE

Vice Officer, News Department of Student Association   **Set. 2015-Jul. 2016**
- Successfully established New Media Center which broadcast news on both press and online for over 800 people;
- Organizing *Three-Line Love Letter Competition* with 100 participants, edited videos played for over 2000 students.

Volunteer, China Association of Construction Education   **Jul. 2016**
- Guide student from all over the world including British, Italian, Chinese and show them the culture of China;
- Participated as a guide in The Former Residence of Soong Ching Ling, late Honorary Chairman of China.

LANGUAGES & SKILLS

- Web Development: PHP, MySQL, JavaScript, HTML5, CSS, Ajax, JQuery, Bootstrap;
- Skills: Unix/Linux, ALIYUN/SAE Cloud Server, Android, Git/Svn, Java, C/C++;
- Others: Certificate of MySQL in National Computer Rank Examination of China, Final Cut Pro, AE, CAD.