


## Kai HUANG, Kevin

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### Summary

Self-motivated graduate from the University of Hong Kong with:

- Good mastery of fundamental computer related knowledge and techniques.
- Excellent written and oral communication skills combined with strong presentation skills.
- Diligent, considerate qualities as well as responsible, passionate and cooperative personalities.
- Experience in IT development, voluntary services and organizing various activities.

### Education

- **Sept 2013 – Jun 2017** Faculty of Engineering, the University of Hong Kong, Hong Kong
  - Bachelor of Engineering in Computer Science with First Class Honours.
  - Major in Computer Science and minor in Mathematics.
- **Jan 2016 – Apr 2016** Faculty of Mathematics, University of Waterloo, Canada
  - Semester exchange with outstanding average grade 95.5 out of 100.
- **Sept 2010 – Jun 2013** Shanghai High School, Shanghai, China
  - Excellent Graduate Award and notable academic performance: all A's in ten subjects and top 1% in 2013 Shanghai National College Entrance Examination.

### Experiences and Projects

- **Jan 2017 – May 2017** Research Assistant, Department of Computer Science, the University of Hong Kong
  - Independently developed an online demo system "C-Explorer" using JSP and Servlet.
  - "C-Explorer" supports community visualization and exploration on large attributed graphs as well as comparison analysis on different community retrieval algorithms.
  - Project URL: <http://cexplorer.cs.hku.hk:8080/Demo/>
  - **Publication:** Yixiang Fang, Reynold Cheng, Siqiang Luo, Jiafeng Hu, **Kai Huang**. "C-Explorer: Browsing Communities in Large Graphs". In VLDB, 2017.
- **May 2016 – Aug 2016** Big Data Development Internship at CloudJet, Fosun Group, Shanghai
  - Established a fully-functional web platform independently based on PHP Symfony framework according to business requirements to greatly simplify, record and trace the process of big data cleaning.
  - Developed a Java API for data cleaning to identify whether an input field in Chinese is a name, organization or location by making use of Natural Language Processing libraries.
  - Conducted a presentation on JUnit usage summary.
  - Worked with the entire team to settle down the solution to further improve the existing software services and platforms.
- **Sep 2016 – May 2017** AI Bot to Make the Best Decision for the Customer [Final Year Project]
  - Industry based project in cooperation with Microsoft Hong Kong Ltd.
  - Modules include Bot Framework, SQL Database, Translator and Machine Learning Studio as well as Language Understanding Intelligent Service (LUIS).

- The bot, available on Facebook and Skype, supports online conversations with customers in natural languages and serves to recommend suitable products and handle complaints.
  - Project URL: <http://i.cs.hku.hk/fyp/2016/fyp16004/>
- **Sep 2015 – Dec 2015** Project Data Tracker (PDT) [Course-based Group Project]
- Web application using Python Django as the framework.
  - Assist company managers and developers to collect and analyze project data metrics for better development practices.

## Awards and Scholarships

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- **Dean's Honours List, Faculty of Engineering, the University of Hong Kong, 2015-2016**
- The honor is granted to undergraduate students who have attained admirable academic performance in the academic year.
- **Lee Shau Kee Scholarships, 2015-2016**
- The scholarship is awarded to students with good academic performance to support overseas exchange studies.

## Extra-Curricular Activities

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- **Sep 2016 – Jun 2017** Student Ambassador, the University of Hong Kong
- **Jun 5 2016 – Jun 11 2017** Chongqing University of Posts and Telecommunications Bayu Culture Camp
- **Dec 22 – Dec 29 2016** Nanjing University Cultural Immersion Programme
- **Jul 12 – Jul 24 2015** Chief teacher for voluntary teaching in Wuhan, Hubei Province, China
- **Jun 29 – Jul 6 2015** Tsinghua University Chinese Culture Camp
- **Jun 6 – Jun 12 2015** Chief teacher for voluntary teaching in Qufu, Shandong Province, China
- **Feb 2014 – Feb 2015** Honorary Secretary of Computer Society, HKUSU, Session 2014-2015, 40<sup>th</sup> Executive Committee
- Other experiences include editorial and publication work, being a campus journalist and disk jockey, tutoring, mentoring and academic advising.

## Technical Skills

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- Platform: WINDOWS, LINUX.
- Programming Languages:
- Familiar with: C++, Java, PHP, HTML, SQL, JavaScript, etc.
  - Have knowledge of: Python, CSS, Haskell, MongoDB, Node.js, AngularJS, MATLAB, etc.
- Software: Adobe Photoshop, Premiere, Video Studio, Microsoft Office, etc.
- Experience in video editing and poster design.

## Languages

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- Mandarin (Native), English (Fluent, IELTS 7.5)
- Cantonese (Familiar), Shanghainese (Dialect)