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.
  • **Publication**: Yixiang Fang, Reynold Cheng, Siqiang Luo, Jiafeng Hu, **Kai Huang**. "C-Explorer: Browsing Communities in Large Graphs", PVLDB, 2017.
  • Project Homepage: http://cexplorer.cs.hku.hk:8080/Demo/
➢ **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 Homepage: 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, 40th 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)