Chen LI

CONTACT INFORMATION

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EDUCATION

University of California, San Diego (UCSD) 09/2016 - Present
  M.S. in Computer Science
  - Focus on system (implementation/theory) & Artificial Intelligence

Beijing University of Posts and Telecommunications (BUPT) 09/2012 - 07/2016
  B.E. in Software Engineering
  - GPA: 4.0/4.0 (91.2/100)   Rank: 1/103

EXPERIENCE

Hengbao Company, R&D Center, Beijing, China 09/2015 - 12/2015
Software Development Engineer in Test Intern
  - Participated in the lifecycle of software design and test using C++.
  - Implemented the performance and functional tests based on VSTS and PC/SC standard.
  - Checked and reported the code coverage and quality of code with merged test logs.

BUPT Communication Software Center, Beijing, China 07/2015 - 12/2015
Software Engineer Intern
  - Participated in the developing of an Android APP, supporting personal, group, video, audio chatting with JSIP and auto-synchronizing history recording with SQLite.
  - Developed web pages for a national project based on JSP&Spring.

BUPT Enterprise Information Laboratory, Beijing, China 04/2013 - 05/2015
Research Assistant: Natural Language Processing, Text Mining, and Web Data Integration
  - Extracted, cleaned and integrated GB-level news data from four biggest news websites in China.
  - Developed an automatic Multi-document Summarization system for web news with Java.
  - Designed a centroid-based summarization algorithm considering both Statistical Features and Linguistic Features of news based on TF-IDF model, using Semantic Tree to reduce sentence redundancy.
  - Accuracy: 81.2%; Coselection Rate: 72.6%; Recall: 62.5%.

SELECTED PROJECTS

IClass, an online course (MOOC) web platform 04/2015 - 07/2015
  - Implemented the course discussion and feedback function modules with jQuery&MySQL.
  - The platform has over 1000 active users daily.

A C-like Language complier 09/2014 - 01/2015
  - Defined lexical and syntax rules based on IBM Telelogic Tau.
  - Implemented program's parsing logics with FSM and syntax tree in a top-down manner.
  - Implemented program's automatic error detection and correction function.

Dango Girl, the NPCs game based on QT framework 04/2014 - 07/2014
  - Participated in the lifecycle of game developing, including prototype design, AI algorithm design, function implementation, unit and integration tests.
  - The game has 4 game schemas, 4 different game roles, dozens of game props and gets vast positive feedback from users.

HONOURS & AWARDS

  - National Scholarship (Top 1%) 10/2015
  - Meritorious Winner, The 2015 American Interdisciplinary Contest in Modeling 04/2015
  - Silver Medal, The 7th BUPT Code Hackathon 02/2013

PUBLICATIONS

[1] **Chen Li**, Zhaoxing Li, Zhenyu Wang. An improved K-Shell algorithm for searching the most influential nodes on a small-world network, WCSE 2014, Hong Kong.

LANGUAGES

Mandarin (Native), English (Advanced), Japanese (Elementary)

STRENGTH

Programming Language: C/C++, Java, Python, JavaScript, Matlab, LaTeX, XQuery
Tools and Frameworks: Git, Hadoop (Pig), LAMP, SSH, Shell