

XIN (JOY) YAN (Mobile: 669 225 9782 Email: joy.yan@me.com)

SUMMARY

- Joined Braven-Google Leadership Program for Creativity, Leadership and Time Management Training
- Startup Android developer. Skill Set: Agile, OOD, Android application and framework , Linux, Python
- IBM R&D Research Intern for data analysis, NLP and software development in Java

EDUCATION

Major in **Computer Science**, Minor Mathematics at San José State University, Major GPA 4.0
Major in **Natural Language Processing** at the University of Stuttgart in Germany, Vordiplom

EXPERIENCE

JAVA SPRING MIGRATION PROJECT, San José State University, August 2016 - present

- Proof of Concept project
- Using agile project management skills
- Migrating existing web application project to Spring framework
- Skills Set: JSP/Servlet, Spring, Hibernate, MySQL

Startup Android Developer at Weikong Co. Ltd. China , December 2013 - May 2014

- Worked as Tech Lead and managed an engineer group of 6 people
- Designed the architecture and the communication protocols for the whole IOT product
- Implemented Android application and framework for the product

Software Research Internship with IBM Germany, March - December 2010

- Built the statistical model of email attachments based on documents types and sizes for IBM Email Content Collector product
- Designed and implemented the attachment generator based on the statistical model in Java
- Generated **5 million** Email attachments with my attachment generator which is a vital resource to IBM performance testing
- Enhanced the email generator application with more functions and more protocols in Java
- Designed and implemented the email content generator based on Hidden Markov Model in Java

Student Research Assistant at the University of Stuttgart, August 2007 - December 2009

- Implemented speech controlled lego robots with LeJOS and Spinx Speech APIs
- Worked as student assistant of the Open Roberta project which encouraged girls to pursue a science career
- Implemented web mining system RENS for personal information identification in Java

HONORS

- Received Honorable mention at the International Summer School on Semantic Computing, **July 2009**
- Received DAAD Prize for outstanding academic performances and social commitment, **October 2008**

PUBLICATIONS

X. Yan, S. Jeschke, A. Dubey, M. Wilke, and H. Schütze, “*RENS - Enabling a Robot to Identify a Person*”, in Proceedings of the 2nd International Conference on Intelligent Robotics and Applications (ICIRA 2009), Singapore, 16-18 December 2009, 2009, Lecture Notes in Computer Science, vol. 5928, pp. 43–54.