Dian Yang

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Education

Shanghai Jiao Tong University   *Sept. 2014 - Mar. 2017*
School of Electronic Information and Electrical Engineering   *Shanghai*

M.S. IN INTEGRATED CIRCUIT ENGINEERING

- Research Interests: Embedded System
- Awarded ShuQi scholarship in 2015 (Rank 3/40)

Tianjin University   *Sept. 2010 - May. 2014*
School of Computer Science   *Tianjin*

B.S. IN COMPUTER SCIENCE

- Awarded Excellent Leader of the University Student Council in 2011
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages.

Work Experience

Microsoft Cooperation   *Oct. 2015 - Oct. 2016*
Windows and Devices Group   *Shanghai*

SOFTWARE DEVELOPMENT ENGINEER INTERN

- Implemented a recommendation system for Microsoft product videos, crawled data from Channel9, YouTube etc., built iOS and Android apps to view and rate videos and created backend service for personalized recommendations with collaborative filtering and content-based filtering algorithms.
  https://github.com/luckyyd/hackathon-mstube
- Built and operated test lab with OpenStack private cloud to maintain daily automatic testing and VMs control.
  https://github.com/luckyyd/OpenStack-ToolsTeam
- Developed a new Bitcoin cryptocurrency framework involving central banks and decentralized blockchain-based transaction ledger.
  https://github.com/foamliu/FiatCoinNet

ARM   *May. 2015 - Aug. 2015*
Software and Service Group   *Shanghai*

ARM SOFTWARE INTERN

- Deployed ARM mbed IoT sensinode for monitoring office temperature with Lpc1768 mcu. Integrated lighting and humidity data into monitor server with CoAP protocol.
- Second prize of "ARM Global Innovation Challenge" with Wearable device in African proposal.

Dow Chemical Company   *Apr. 2014 - Aug. 2014*
Information System Department   *Shanghai*

SOFTWARE ENGINEER, APPRENTICE

- Re-platformed problem resolution tool to SharePoint: create tool using C# to migrate data from SQL to SharePoint site. Created hidden column to solve underscore issue for searching.
- Built a script to search all the users in Yammer environment with RESTful API, and found out dimission employees. Wrote a user guide for clients to set up the script.

Academic Experience

Zhejiang University   *Jun. 2013 - Aug. 2013*
School of Computer Science   *Hangzhou*

SUMMER RESEARCH PROGRAM, UNDERGRADUATE INTERN

- Researched on sparse representation based on human motion reconstruction. Implemented sparse represent optimization framework from a few key joints' information to reconstruct the body pose with all joints.

Language

- Standard Test: GRE: V 149 Q 168 AW 3.0

Skills

- C++; C; C#.NET; SQL; Java;
- Docker, Linux, Redis, Microsoft Azure; Microsoft SharePoint; ASP.NET