

Han Bai

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EDUCATION

Oct.2014-present Master's Degree | Computer Science
University of California, Santa Cruz

Sep.2010-Jun.2014 Bachelor's Degree | Computer Science
Beijing University of Posts and Telecommunications

PROJECTS

Jun. 2014

Graduation Project, BUPT

Designed and implemented a Light-Weighted Web Service Aggregation Platform based on FBP (Flow-based Programming). In charged of Service Creation Environment module, which contains service encapsulation scheme, service composition, and a user-friendly UI based on HTML5, Backbone iFrame, and MVC model. (JavaScript, Node.js)

Aug.2013-Sep.2013

DNS Server, Computer Network course project, BUPT

Designed the architecture of DNS Relay Server, which could reply requests with local data or redirect others to the superior DNS. (Teamwork; C)

Jul. 2013

UART, USB and Ethernet Adapter, BUPT

Under the guidance of Prof. Kuang Jian, Dean of School of Software Engineering, BUPT. Designed an adapter based on Freescale K60 with ARM M4-cortex MCU. (C)

Apr.2013-Jun. 2013

Distributed Temperature Control Sys, Software Engineering course project, BUPT

Conducted requirement elicitation and analysis. Designed the architecture and proposed temperature control algorithms. Tested the system. (Teamwork; C++)

Nov.2011-Dec.2011

Football Club Management System, course project, BUPT

Implemented communication module by adopting SOCKET and C/S model. Improved the UE of searching by adding accurate searching and fuzzy searching function. (C++)

EXPERIENCE

Jul. 2013-Jun. 2014

RA, State Key Laboratory of Networking and Switching Technology, BUPT

Supervised by Prof. Bo Cheng. Designed and implemented a Light-Weighted Service Aggregation Platform. In charged of Service Creation Environment module.

Jul. 2013

Internship, China Unicom.

SKILLS

Programming: C, C++, Java, SQL, VHDL, Assembly language

Web developing: HTML, CSS, JavaScript, Node.js

Other Tools: VS, IBM RSA, Matlab, Lingo, Code Warrior, Quartus, Visual Prolog, etc

AWARDS & HONORS

- Excellent Student Award, BUPT 2012, 2013
- 3rd Prize Scholarship, BUPT 2013
- First Prize of Beijing University Art Show in Wind Orchestra 2010, 2013

SOCIAL PRACTICE AND ACTIVITY

- Volunteer of community's trash classification & recycling program 2004-2014
- Chief tuba player of Golden Sail Philharmonic, Beijing 2011-2014