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# Guodong Zhu

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## SUMMARY

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- Software developer experienced in working in team environments and collaborating with business unit clients to solve challenges.
- Proficient in C/C++ programming, experienced in scripting languages including SQL, Perl and Python, and familiar with Oracle and other relational databases.
- Research assistant and a member of Network Systems and Security (NSS) Lab at UGA, interested in Virtualization and cloud computing, especially virtual graphics implementation and cloud display.

## EDUCATION

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**University of Georgia** **August 2012 – Present**  
Ph.D. in Computer Science (expected 2017) Current GPA: 4.0/4.0

**East China Jiaotong University** **September 2003 – July 2007**  
B.S. in Computer Science GPA: 3.66/4.0

## EXPERIENCE

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➤ **Grand China Logistics** **April 2012 – July 2012**

**Project: Hainan Airline New Generation Payment platform (HNAPay)**

*Software Engineer* *April 2012 – July 2012*

- Designed the clearing system architecture for the HNAPay platform.
- Mentored two new employees about the clearing system.

➤ **Huateng Software** **January 2008 – January 2012**

**Project: China Telecom Unified Electronic Payment Platform Risk Management System**

*Software Engineer* *November 2010 – January 2012*

- Developed a risk management system for the system to improve platform stability with the implementation of transaction process control, trading system reliability monitor, transaction data encryption, IP address verification, and payment amount verification.
- Environment & skills applied: AIX, Oracle, C, pro\*C, PL/SQL, VC++ and JAVA.

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**Project: Point of Sale Proxy (POSP) for China Telecom Unified Electronic Payment Platform**

*Software Engineer*

*June 2010 – January 2012*

- Debugging the POSP system with thirty-two other provinces' transaction systems and developing subsystems to meet each province's unique needs. Achieved integrity and consistency of all transaction data received.
- Environment & skills applied: AIX, Oracle, pro\*C, PL/SQL and C.

**Project: China Telecom Unified Electronic Payment Platform Clearing System**

*Software Engineer*

*September 2009 – June 2010*

- Developed a system for clearing 1,000,000+ transactions from 100,000+ merchants daily. Computed fees and profits for each transaction and generated financial statements.
- Environment & skills applied: AIX, Oracle, pro\*C, PL/SQL and C.

**Project: Tanglu Technology OTA (Over-the-Air) Payment Platform**

*Software Engineer*

*July 2009 – September 2009*

- Developed a daily reconciliation process to check with all sales vendors the transaction records to validate the integrity and legality of all transactions and regular fund transfers.
- Environment & skills applied: Red Hat Linux, Oracle, pro\*C, PL/SQL and C.

**Project: Shanghai Social Security Card System**

*Software Engineer*

*January 2008 – June 2009*

- Implemented the information exchange system that collect and process data from over 244 service centers throughout Shanghai's eighteen districts and exchange information with the police and medical systems.
- Designed and developed the Shanghai Social Security Card MIS and its database model to manage residents' personal information and tracking Social Security Card application status.
- Environment & skills applied: HP-UX, Oracle, pro\*C, PL/SQL, C, Java and JSP.

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**HONORS**

- Huateng Software 2010 – 2011  
Distinguished Engineer (Top 20 of 1500 Software Engineers)
- East China Jiaotong University 2005 – 2006  
Outstanding Student Scholarship (Top 10 of 247 Students)