

Chong Jiang

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- Objective** Seeking a summer internship or post-graduate position in software development for applications requiring physical modeling, algorithm design, and simulation.
- Education** Bachelor of Science, Electrical Engineering, May 2008
Bachelor of Science, Physics, May 2008
The University of Texas at Austin
Overall GPA: 4.00/ 4.00 Major GPA: 4.00/ 4.00
- Related Courses** Digital Logic Design, Automatic Control, Engineering Communication, Electromagnetic Engineering, Probability and Random Processes, Algorithms, Quantum Mechanics, Modern Optics
Fall 2007: Field Theory II, Probability II, Senior Lab (Physics)
- Experience**
- 05/06 – Present **Research Assistant**, Wireless Networking and Communications Group
Currently analyzing methods to maximize throughput in queueing networks
Previously worked on network coding schemes, as part of the EURECA program
- 05/07 – 08/07 **Intern**, Affinegy LLC
Wrote several Ruby programs to automate creation of hardware profiles in XML
Modified an existing web application to better facilitate internal code reviews
- 12/05 – 05/06 **Participant**, Graduates Linked with Undergraduates in Engineering Program
Worked with a Ph.D. student on nanocrystal-embedded semiconductor devices
Fabricated and analyzed MOS capacitors and transistors in a cleanroom environment
- 03/05 – 12/05 **Grader**, Digital Logic Design
Proctored the self-paced class and maintained a learning environment
Graded tests, labs, and homework and explained key concepts to students
- Skills** Experienced in Ruby, LabVIEW, Mathematica, Matlab, C++
Proficient in PHP, MySQL, HTML, LaTeX, and Microsoft Office
Fluent in Mandarin Chinese
- Accomplishments** Member, Engineering Honors Program
Secretary, Society of Physics Students
Recipient, Earnest J. Cockrell Scholarship (Engineering)
Recipient, Ira Lon Morgan Endowed Presidential Scholarship (Physics)
Graduate, International Baccalaureate Program
Regional Semifinalist, Siemens Westinghouse Science and Technology Competition

Employability Status: US Permanent Resident