

Sally Student

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EDUCATION

- Duke University, Durham, NC** **Expected Graduation Date: Dec 2012**
Master of Engineering, Electrical and Computer Engineering **GPA: 3.70/4.0**
Related Coursework: Data Structure and Algorithms, Software Design, Random Signals and Noise, DSP
Business Fundamentals for Engineers, Signal Detection & Extraction
- Blue Devil University, Location, P.R.China** **Jul 2011**
Bachelor of Engineering, Electrical Engineering with emphasis in Telecommunications Engineering
Cumulative GPA: 3.64/4.0, Major GPA: **3.93/4.0** **Scholarship with Higher Honors**

WORKING EXPERIENCE

- Co-op/Intern, EMC** **May 2012 – Present**
- Work with software development team responsible for creating new Network Attached Storage(NAS) platforms
 - Work in Platform group and participate in bringing up MCR(Multi Core Raid) by performing fresh install testing and building templates
 - Modify and test codes in Accurev, and collaborate with colleagues to promote the codes
 - Perform EIT(Early Integration Test) on MCR system and file reports for the failures I find
 - Work on labman tickets to evaluate problems regarding PSO

ENGINEERING EXPERIENCE

- Algorithm Projects, Duke University** **Jan 2012 – Apr 2012**
- Programmed in Java to do multiple projects, Algorithmic and Problem – solving Tests, including Hangman, Jotto, Markov, DNA, Boggle, Twenty Questions projects
 - Designed the data structure and algorithm for the project to increase the speed by approximately 100 times
- Graduate Research Assistant, NanoPhotonics Lab, Duke University** **Sep 2011 – Nov 2011**
- Programmed in Labview to control HP 8618F Laser Source Machine and HP 3478A Multimeter via GPIB path for conducting experiments and analyzing tested data to assist a professor in the conduct of projects
- Team Leader, Global Meritorious Winner of Mathematical Modeling Contest, USA** **Feb 2010**
- Proposed strategies and solutions to address marine pollution by building math models, designed algorithms and programmed to simulate the results of models, results showed decrease the pollution by 20%
 - Directly responsible for coordination between advisor and team members. scheduled team meetings and delegated assignment
 - Proposed the report and delivered to **The Consortium for Mathematics and Its Applications and The National Security Agency of the USA**
- Research Assistant, State Key Laboratory, Blue Devil University** **Aug 2010 – Jun 2011**
- Participated in the project of **National Natural Foundation** of China, built models of the Interference-Limited MIMO system and derived analytical expressions of the BER with SIR
 - Validated the results using Monte-Carlo Simulation with MATLAB programming
- Team Leader, First Prize of Mathematical Modeling Contest, Location, China** **Oct 2009**
- Proposed strategies and developed a solution to more efficient hospital bed arrangement using optimization, designed algorithms to improve the efficiency of 25% by programming in C

LEADERSHIP EXPERIENCE

- CFO, Start-up Company Simulation, Duke University** **Sep 2011 – Dec 2011**
- Collaborated with 3 graduate students to simulate a company developing a smart phone application pace-maker activity
 - Analyzed the company five-year pro forma statements and presented the results to the class
- Student manager, Student Clubs Association, Blue Devil University** **Oct 2007 – Jun 2009**
- Collaborated with Google China and organized 4 lectures of then CEO of Google China, Mr. First Last
 - Supervised activities of approximately 30 university student organizations and arranged coordination and cooperation between organizations

TECHNICAL SKILLS

Programming Languages: Java(proficient), Matlab(4+ years), C, Lingo, Labview
Software: Eclipse, Lingo, SPSS, MS Office Suites, Multisim, AutoCad, Accurev

AWARDS AND INVOLVEMENT

PRATTically Speaking Toastmaster International Club, Duke University	2012
Volunteer in Professional Master Program Orientation, Duke University	2012
Mathematical Contest in Modeling, First Prize of Blue Devil University	2009