

## EDUCATION

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### GEORGIA INSTITUTE OF TECHNOLOGY

#### M.S. in Industrial Engineering (GPA: 3.70)

Atlanta, GA

Graduated: May, 2012

- GRE – 800 (quantitative), 620 (verbal), 5/6 (analytical writing)

### BROWN UNIVERSITY

#### B.S. in Electrical Engineering (Honors), B.A. in Economics (GPA: 3.85)

Providence, RI

Graduated: May, 2010

- Latin Honors – Magna cum laude; Top dual degree student in Graduating Class of 2010

## EXPERIENCE

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### Big 4 Advisory

New York, NY

Consultant

Jul 2012 – Present

- Led and coordinated a team of five seniors (as the only junior in the team) to complete project deliverables and meet project work schedule on time for global financial client (Fortune 100 company)
- Improved client's AML system by formulating strategies, identifying opportunities and developing statistical models and data-intensive analytical tools for customer segmentation and alert scoring
- Led discussions with client to devise and implement global methodology in client's EMEA, APAC and LATAM regional offices, validate mathematical models and evaluate results of alert scoring and reduction of alerts in client's transaction monitoring system

### BMW-BRILLIANCE AUTOMOTIVE LTD.

Shenyang, Liaoning

Logistics Planning Intern

Jul – Dec, 2011

- Planned quality manufacturing processes and organized data collection using flowcharts/standard check sheets which led to new operating procedures for maintaining 20 000 SKUs and reducing scrap rate by 40%
- Coordinated with external consultants and managed ten vendors/ contractors in plant logistics, inventory receipt and completion of five construction projects with 200% increase in worker productivity
- Collaborated with IT department to develop a pre-assembly database solution in Access/VBA which can manage the storage and call-offs of 100 on-hand car bodies with a four-minute production cycle time

### MEDSHARE INC.

Atlanta, GA

Pro Bono Consultant

Jan – May, 2011

- Analyzed container pipeline data of 150 shipments from 64 vendors, conducted interviews with client and identified profitable vendor segment that can increase shipment throughput by 100% (Little's Law)
- Implemented forecasting model to predict project completion time using vendor, location and seasonality data and presented solution to client's operational team
- Developed and recommended process improvement solutions, technological upgrade and resource input to reduce revenue procurement lead time and presented solution to CEO

### SINGAPORE TECHNOLOGIES ENGINEERING LTD.

Singapore

Software Engineering Intern

Jun – Aug, 2009

- Developed 60 quality test simulations in C, for robotics communication software and defined its robustness

## LEADERSHIP & PROJECTS

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### Founder and President of Georgia Tech China Care Club, Atlanta, GA

2010 – 2011

- Led 12 officers to organize fundraising events and increased club membership by 150% in two semesters
- Organized fundraising carnival and raised 500 USD to fund an eye surgery for a Chinese orphan

### Warehousing Project for Mobis Parts America, Atlanta, GA

2007 – 2009

- Developed heuristic in Java/SQL for warehouse optimization (68k SKUs) by analyzing historical pick frequencies

### Founder and Owner of Road Belts, Providence, RI

Spring, 2007

- Conceptualized fashion product idea, procured investor sponsorship, sold products with a gross margin of 91%

## SKILLS & INTERESTS

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Computer Languages	MATLAB, C++, Java, Perl, HTML, CSS, SQL, GAMS, SIMIO, ExpertFit, VBA, R, Access, Spotfire
Interests	Fluent in spoken and written Mandarin
Certifications	Fencing, Brown Ballroom Dancing, Violin, Brown Academic Advising, Mobile App. Development
	Six Sigma Green Belt Certification