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EDUCATION

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

Big 4 Advisory

New York, NY

Consultant

Jul 2012 – Present

- Led and coordinated a team of five seniors (the only junior in the team) in Anti Money Laundering (AML) project to complete project deliverables and meet project work schedule for global financial Fortune 100 client
- Improved client's transaction monitoring system by formulating strategies, identifying opportunities and developing statistical models/data-intensive analytical tools for customer segmentation and suspicious activity alert scoring. Key person for developing sustainability documents for implementation and synthesizing complex statistical concepts
- Led client discussions to propose and distill mathematical concepts used in client's transaction monitoring system as part of their global methodology in EMEA, APAC and LATAM regional offices. Was able to obtain approvals and close out outstanding weekly issues throughout the entire engagement.
- Designed and implemented database code objects (stored procedures, views etc.) for data transformations and quality checks for large volume of customer transaction and KYC data (>10 million rows)

BMW-BRILLIANCE AUTOMOTIVE LTD.

Shenyang, Liaoning

Logistics Consulting 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

Operations Consultant (Pro Bono)

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

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 1000 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 (68 000 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

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