YIBANG CHEN

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EDUCATION

University of Pennsylvania   **Philadelphia, PA**
M.S. Computer and Information Technology   08/2015 – 05/2017

Tulane University   **New Orleans, LA**
B.S. Economics with Honor; Minor in Mathematics and Psychology   08/2009 – 05/2013
- **GPA**: 3.72/ 4.00
- **Courses**: Linear Algebra, Applied Calculus (Matlab), Econometrics (Stata and R) etc.
- **Thesis**: The environmental cost of the Hub-and-Spoke aviation network in the United States

St. Edmund Hall, University of Oxford   **Oxford, United Kingdom**
Visiting Student (1 academic year)   10/2011 – 06/2012
- **Courses (selected)**: Probability, (Real) Analysis, Intro to Groups Rings and Fields

PROFESSIONAL EXPERIENCE

BA Technolinks, Corp.   **Santa Clara, CA**
IT Consultant/ Data Analyst   05/2013 – 07/2014
- Analyzed client's business requirements and implemented data-driven applications
- Client II: **Inovalon Inc.**   **Bowie, MD**
  - Visualized >20 EHR products KPIs real-time in 8 dashboards on cloud servers
  - Integrated and supervised data from diverse sources e.g. relational databases, XML, Excel
  - Demonstrated data visualization platforms to business executives
  - Enforced quality control, supported SIT & UAT, and fulfilled requirements in production
- Client I: **Wells Fargo Securities**   **Charlotte, NC**
  - Promoted trade settlement, billing, and self-clearing capacities of 3 securities processing systems through performance tuning and debugging in the backend
  - Improved algorithms that match and clear 10+ different costs with 5 trading exchanges
  - Designed backend structure & algorithms to reconcile and report account information for the bank's Prime Brokerage users
  - Drafted documentations of project scope, requirements, and implementation methods

United Overseas Bank   **Beijing, China**
Intern, Wealth Management Division   11/2012 – 12/2012
- Designed and trained a Sales Leads Management system for sales representatives
- Trained key Excel and Work functionalities that significantly improved productivity

Greater New Orleans, Inc.   **New Orleans, LA**
Summer Analyst, Business Development Department   05/2011 – 08/2011
- Modeled supply chains and analyzed market potential of 13 sustainable industries in Louisiana
- Advertised the *Economic Developer Certification Exam* to 11,000+ national organizations

ACTIVITIES
- Winner of Trader Trophy Worldwide 2011 trading competition among 40 participants at Oxford
- Instructed sixth-graders business awareness classes with *Junior Achievements* during college
- Initiated and carried out university-wide international student Mentoring Program at Tulane

Sport/ Music: Selected to St Edmund Hall first VIII rowing team; Piano level 8
Languages: Mandarin Chinese (native); English (fluent); French (fluent)

IT SKILLS SUMMARY
Tools: Python, SQL, XML, Matlab, Octave, STATA, R, Javascript, Excel, PowerPoint
Platforms: SunGard GMI, Broadridge, SharePoint, Autosys, Domo, Actuate
Top Skills: ETL, business intelligence, data visualization, machine learning, predictive modeling