

Fang (Carrie) Huang

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EDUCATIONAL BACKGROUND

Duke University, Durham, NC, USA

➤ **Master of Engineering Management: GPA: 3.54** Dec 2013

Courses: Marketing (got A+), Management, Finance accounting, Intellectual Property, Business Law

➤ **M.S in Biomedical Engineering (Biomedical instrumentation and imaging): GPA: 3.56** May 2013

Courses: Image Processing, Computer Vision, Modern Diagnostic image system, Ultrasound imaging, Principle of MRI

Huazhong University of Science and Technology (HUST), Wuhan, China

June 2011

➤ **B.S in Biomedical Engineering (Biomedical Imaging): GPA: 3.6; Major GPA: 3.8; Class rank: 2/32**

Honors: National Encouragement Scholarship (2008); Advanced Individual of Cultural and Sports activities Scholarship (2009); Model Study of academic records (2010); The 1st prize, National Biological Olympic Competition (2006)

PROJECT EXPERIENCE

Marketing Strategies Simulation - Pharmasim (Marketing, Duke University)

Fall 2013

- A seven-round marketing simulation based on the packaged goods industry (Pharmacy), which covers segmentation and position, resource allocation across brands, integrated marketing communications, and multiple channels with intermediaries. Resources for each round are based on previous decision's outcomes.
- The final stock price of our team ranked 3 among 10 groups in the class

WORK AND INTERNSHIP EXPERIENCE

Student Consultant, Allscripts Healthcare Solution, Inc & Duke MEMP Program

Fall 2013

- Acted as team leader for two weeks in this four-month project
- Constructed a multi-leveled certification curriculum for third-party partners and internal developers to develop software applications for healthcare providers on Allscripts platform, based on their interview feedbacks and online research on industry best practices.
- Completed a market analysis, price to charge for each client certification level, and business case detailing profit and loss assumptions

Part-time Sales, China Mobile Company

July. 2009-Sept.2009

- Worked as a salesperson to elaborate mobile features and services to customers;
- Has been highly recognized by the supervisor

Finance Intern, Far Eastern Leasing Company

July.2013-Sep.2013

- Conducted asset classification for all the remaining debts, according to the established system; helped asset manager to monitor the overall status of client assets and confirm the client risk levels to decide the assets provisions and bad debt provisions.
- Input the relevant data based on stress test models; forecasted the end-year funding gap of monitoring clients to predict in advance the risk and thus reduce risk

Research Assistant, Ultrasound Lab, Duke University

March 2012—Dec 2012

- Used a B-spline based non-rigid registration method to track cardiac septum's contour in Ultrasound image; added an active contour method to improve the performance on fine structures; presented it in GUI application as master project. Achieved segmentation, motion tracking, and registration of ultrasound images.
- Accomplished a project named "Real-time segmentation and tracking of veins in Ultrasound imaging". Adopted an improved Star-Kalman filter based on ellipse model to realize segmentation and tracking of veins. Facilitated the diagnosis of deep vein thrombosis clinically.

Radiology Intern, Wuhan Union Hospital

July.2010-Aug.2010

- Operated MRI, Ultrasound, X-ray, and equipment based on patient safety protocols; Observed interventional radiology treatment; analyzed the conditions and trends of these diagnosis devices and presented in an intern report; evaluated as "Outstanding Intern".

SKILLS