608 Monroe St. Apt 19

Ann Arbor, MI 48104

RYAN ZHU

ryan.w.zhu@gmail.com | Cell: (734) 263-4112

EDUCATION

University of Michigan, Master's Program in Quantitative Finance August 2016-Current
   GPA: 4.00/4.00 (expected) Ann Arbor, MI
Vanderbilt University, B.A. in Mathematics (Pre-Med Track), *cum laude* August 2013-June 2015
   GPA: 3.73/4.00 Nashville, TN
Skills: Microsoft Office, Python, VBA, Matlab, Linux/Unix
Languages: English (Full Professional Proficiency), Mandarin (Native Proficiency), French (Elementary Proficiency)

WORK AND RESEARCH EXPERIENCE

Analyst Intern, Temasek Holdings, Shanghai China August 2016-September 2016
- Prepared pitch book for the new healthcare fund.
- Valued portfolio companies using comparable company method and computed the return metrics such as IRR and MoC.

Summer Analyst, Redpoint Ventures, Shanghai China June 2016-August 2016
- Conducted industry research with a special focus on digital healthcare and autonomous vehicle.
- Worked directly with a partner to discover new investment opportunities by attending industry conferences and roadshow events.
- Participated in due diligence by interviewing the users of the app and the COO of the company.
- Wrote three VBA scripts to streamline the process of finding potential breakthrough apps via DAU growth, which reduced the screening time for new companies by 50%.
- Optimized the screening algorithm to improve its accuracy in finding a pool of candidate companies.

Risk Management Intern, TMT Group, China United SME Guarantee Corp., Beijing China March 2016-May 2016
- Helped the TMT group to design a concise template to track and maintain portfolio, which streamlined the operation and reduced the number of excel worksheets that the front office had to fill each week by 60%.
- Participated in due diligence to assess the operation of the ABS issuer by examining the validity of the company's operating data and interviewing their workers.

Undergraduate Researcher, Vanderbilt University Department of Psychology June 2014-June 2015
- Participated in the research project *Cognitive Prejudices in High Dimensional Space*.
- Built and calibrated mathematical models using Matlab to investigate various geometrical and statistical properties in high dimensional space.
- Conducted survey on 25 subjects and compiled the data for analysis.

Summer Researcher, University of Iowa Medical School and Department of Computer Science June 2013-August 2013
- Utilized C, Shell Script and PPPT protocol to record the data collected from a health monitoring system and upload the data to a central server.
- Used Python to analyze the tweets collected from twitter users to determine the spread of a epidemics.

ACTIVITIES

Member Vanderbilt Finance Club September 2013-May 2015
Personal Programming Project January 2012-2015
- Built small programs implementing interesting ideas using Java and Python. Examples include a program mimicking the encryption and decryption mechanism of the Enigma machine and a word game.

Board Member Association for Computing Machinery University of Iowa Chapter January 2012- January 2013
- Held monthly meetings and organized campus-wise programming competitions.

IBM Master the Mainframe Contest Stage II Winner October 2012- January 2013
- Used COBOL, REXX and JCL languages to perform various server-scale system maintenance tasks.
- Finished top 60 among 4000 contestants from around North America

HONORS

Dean's List, Vanderbilt University 2013-2015
Dean's List, University of Iowa 2011-2013
President's List, University of Iowa Fall 2012