Zhou, Shouyang (Daniel)

Education
University of Alberta
B.Com in Finance
April 2017 | Edmonton, Alberta
Cumulative GPA: 3.8 / 4.0
Faculty GPA: 3.9 / 4.0

Programming Languages
Preferred
   Python 3
Familiar
   C#
   VBA (For Excel Applications)
   SQL (T-SQL, SQLite)
Working Knowledge
   PowerShell
   R

Other Coursework
Certifications
   CFA Level 1 Candidate
   Canadian Securities Course
   Bloomberg Terminal Usage

Links

https://shouyang.space/
https://ca.linkedin.com/in/shouyangzhou
https://github.com/shouyang
shouyang@ualberta.ca
https://picknic.site
https://shouyang.space/channel.html

Spoken Languages
   English   (Natively Fluent)
   Mandarin   (Proficient Speaking)

Interests
Risk Management, Valuations, Equites, Financial Modeling, Computing Science, Data Analytics, Statistics, Machine Learning

Hobbies
Running, Baseball, Golfing, Weightlifting, Technology, History, Military Science, Military History

Work Experiences

Alberta Investment Management Corporation   ↓ Edmonton, Alberta
Student (Part Time), Investment Risk Management| Fall 2016 to Present
• Developed dashboards for Risk Modelling and Risk Operations.

Summer Student, Investment Risk Management| Summer 2016
• Developed database & data import tool for the aggregation of risk simulation data. C# & T-SQL
• Documented over 250 legacy automated processes pertaining to daily risk operations.
• Wrote script to parse logs, aggregate , and monitor risk simulation process. PowerShell & T-SQL

University of Alberta
Teaching Assistant, Dept. Operations Management| Spring 2016
• Answered questions and guided students during lab sessions. Acted as proctor to exams.
• Acted as assignment help desk and tutor during help sessions.

Technology Manager, Dept. Management Sciences| Fall 2015
• Wrote exams questions and assisted Excel lab sessions, handled exam scheduling.
• Implemented automated grading measures for quizzes.

Proprietor
Sponsored Tutor, Business Finance Association — University of Alberta| Fall 2015
• Tutored Introductory Corporate Finance & Principles of Investments.

Media Host/YouTube Personality, Network Partner of Curse Inc.| 2013 to Present
•   Manages a monetized YouTube Channel covering the video game industry.
•   Garners on average 300,000 views monthly with 28,000 subscribers.

Additional Activities

University of Alberta PRMIA Chapter| Fall 2015 to Present
Executive Member, Professional Risk Managers International Association
•   2016, Introduced the PRIMA Global Risk Management Case Competition to the U of A.

University of Alberta OASIS Association | Spring 2016
Study Group Leader, Organization for Arts Students and Interdisciplinary Students
•   Leader of Study Groups For Economics.

Independent Undergraduate Research Project In Functional Market Efficiency| Spring 2016
University of Alberta Dept. Finance
•   Investigated market "synchronicity" and equity analyst research using natural languages processing.

PIMS Summer School in Mathematical Finance Conference| Summer 2016
Volunteer Assistant Organizer, Hosted by University of Alberta Dept. Mathematics
•   Designed informational package including locale, timetables, and presentation information for attendees.

Hacked 2016| Spring 2016
Second Place, Hosted by University of Alberta Electrical & Computer Eng. Society
•   Developed "Picknic" a geospatial data visualization app as team of five for a 24-hour hackathon.

Investment Research Competition| Spring 2015
Team Leader, Hosted by Alberta School of Business & Edmonton CFA Society
•   Lead team of three, primary financial modeller. Delivered investment recommendation on Stantec Inc.

University of Alberta Tax Clinic| Spring 2015
Volunteer Tax Reporter, University of Alberta Accounting Club
•   Filed personal taxes for students as a community volunteer.

TMX Options Trading Simulation (5th Edition)| Fall 2014
Best Performing Team – University of Alberta, Hosted by TMX Group
•   Practiced a top down approach to Canadian markets with emphasis on the energy sector as team of two.