

Xia Fu

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EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

Master of Science, Business Analytics, GPA: 3.94/4.0

Aug. 2019 – May 2020

Courses: Advanced Quantitative Methods (Excel solver), Machine Learning Applications (Python), Data Mining (Python), Advanced Data Resource Management (SQL), Advanced AI & ML for Finance (R), Internet Marketing, Investment (Python), etc.

Fordham University

Bronx, NY

Master of Science, Cell and Molecular Biology

Aug. 2017 – Aug. 2019

Honor: Fordham University GSAS Centennial Scholarship

Capital Medical University

Beijing, China

Master of Science, Cell and Molecular Biology

Aug. 2013 – Jul. 2017

Honor: 2017 Beijing Honor Undergraduate, 2017 CMU Honor Undergraduate, First-class undergraduate scholarships, Second prize in the 4th National Forum on the Innovation of College Students Basic Medical Experiment Design Competition

EXPERIENCE

Department of Health, New York State

Troy, NY

Business Analyst

Jan. – May 2020

- Used Python and Tableau to visualize the performance of health homes in New York State; Identified abnormal trends in health home development and provided improvements; By the end of this project, created a dashboard for clients.

Rensselaer Polytechnic Institute

Troy, NY

Datathon Competition, Second Place

Apr. 2020

- By analyzing more than one million data points of consumer complaints from the CFPB, provided CFPB with recommendations on its future plans, actions, and legislation to make the market more efficient and thus reduce number of consumer complaints. Our team won the second place in this competition.

Rensselaer Polytechnic Institute

Troy, NY

Market Analyst, Master Scholars Research Program

Oct. 2019 – Apr. 2020

- Worked with InSitu Composites, a startup company, that produces 3D printing materials; helped identify the customer base and explore market; Sponsored by National Science Foundation (NSF) I-Corps program.
- Arranged interviews with potential customers who are expert in 3D printing field. Asked questions and collected useful information, summarized and presented valuable information to program. Give suggestions based on consumers' interviews.

Ehomie New York INC.

New York, NY

Internet Product Intern

Dec. 2019 – Jan. 2020

- Helped client-end product design, testing, and assisted IT departments to complete new product launch.
- Collected and analyzed user's data to identify more potential customers.
- Worked out OKR plan for January based on the performance of last month and the company objectives.
- Worked with ERP system, summarized product performance weekly and reported to director.

Rensselaer Polytechnic Institute

Troy, NY

SQL experience with Defacto provided databases

Sep. 2019.09 – Dec. 2019

- Gained experience with SQL working on case problems from DeFacto corporation. The number of case problems worked on exceeded one hundred and twenty-five and it was done through a remote SQL Server database server at the DeFacto premises.

SKILLS, CERTIFICATIONS AND INTERESTS

Computer Skills: Python (Numpy, Pandas, Scikit-learn, seaborn, Matplotlib), R, Tableau, SQL Server, Data cleaning, Machine Learning, Data mining, Galaxy, SSIS, SSAS, SSRS, ETL, Excel solver, SPSS, experience with Google Cloud and SAS

Certifications: CFA Level I (2019.08); Using databases with Python, R programming, Getting and cleaning data (Coursera, 2018.12); Google Ads Individual Certificate; Google Ads Search Certificate

Language Skills: Fluent in Mandarin and English

Outside Interests: Dancing, Cooking, Puzzle Solving, Mentoring