

William Qin

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Education

University of Maryland, College Park

May 2020

Bachelor of Science, Computer Science

GPA: 3.55

Bachelor of Science, Mathematics Major, Economics Major

About Me

Programming: Java · R · SQL · C · Python · HTML · CSS · JavaScript

Analytics: R · SQL · MATLAB · SAS · Stata · Excel/VBA · Word · PowerPoint

Relevant Coursework

- Advanced Calculus
- Object Oriented Programming
- Computer Systems
- Econometrics
- Computational Methods
- Discrete Structures
- Statistical Computing & Probability Theory
- Linear Algebra & Differential Equations

Work & Leadership Experience

Federal Deposit Insurance Corporation (FDIC)

Washington, DC

Intern

May 2017 – Aug 2017

- Extracted and analyzed historical interest rate data from all U.S. bank branches since 2007 for approximately 50 consumer products. Compile database for further analytical research using SAS.
- Researched and worked on call reports, CAMELS ratings, performance metrics, and enforcement actions. Evaluated reports and models used in bank examination process and performed data validation.
- Reviewed and assisted with research dealing with bank supervision, policies, and risk measurements and management methods via organizing and overseeing FDIC Bank Research Conference.

Millennium Challenge Corporation

Washington, DC

IT Intern

Jun 2016 – Aug 2016

- Compiled and organized agency data for Threshold Program Application. Correct data errors and begin tickets for application issues and improvements.
- Conducted user acceptance testing for progress report and scorecard submission application.
- Developed process models using Visio to address scenarios related to workforce management.
- Participated and assisted with organizing daily scrum Enterprise Application team meetings.

Projects

Earthground

- Created executable python script that takes live images of Earth gathered from NOAA's database and merges images from both GEOS-16 and Himawari-8 satellites.
- Images update every 10 minutes and merged image is set as the desktop background.

DropDown Game

- Developed top-down java survival game in which players must survive and maneuver around obstacles while traversing downwards onto dynamic platforms without falling off.
- Game includes an integrated high scores list and platforms have unique interactions with in contact players.