

EDUCATION

- **Temple University** Philadelphia, PA
Master of Science in Computer Science; GPA: 3.71 Aug. 2014 – Jun. 2016
- **University of Science and Technology of China** Anhui, China
Bachelor of Science in Computer Science and Technology Aug. 2011 – Jun. 2015

EXPERIENCE

- **PNC Financial Services** Pittsburgh, PA
Senior Application Developer Feb. 2018 - Present
 - Responsible for leading team of 4 developers to build system automation tools for model execution platform.
 - Improved complex financial models performance by implementing the model in python from SAS.
 - Designed system architecture and wrote high-level design documents.
 - Built Python Slack chatbot interacting Slack API and ServiceNow API for internal incident management.
- **PNC Financial Services** Pittsburgh, PA
Application Developer Jun. 2016 - Feb. 2018
 - Built a new production residential python model with business owner and drive continuous improvement within the modeling process.
 - Developed machine learning project to predict probability of default.
 - Prototyped pyspark/hadoop computing engine for CECL credit loss models.
 - Built data visualization tool for different macroeconomic data.
 - Built Java/Spring Framework backend for web model execution platform.
 - Responsible for administration model execution platform by troubleshooting with user and provide system platform support abilities.
- **Christiana Care Health System** Newark, DE
Software Engineer Intern Jan. 2016 - Jun. 2016
 - Built interactive website to visualize the nationwide flu activity in timeline by using ASP.NET Framework and CDC influenza data API.
- **Urban Apps and Maps Studio, Temple University** Philadelphia, PA
Mentor and Software Engineer Jun.. 2015 - Jan. 2016
 - Mentored 10 high school students to develop their coding skills and built a campus security Android app together.
- **Temple University** Philadelphia, PA
Research and Teaching Assistant Jun. 2014 - Jan. 2016
 - **Research Assistant - Machine Learning** : Research on machine learning algorithms for time series data. Built an application to help user find street parking spot in New York city.
 - **Teaching Assistant - Mathematical Concepts in Computing**: Involved in creating assignment, exams and conducting recitation sessions.

PROGRAMMING SKILLS

- **Languages:**Python, Java, C#, Javascript, C/C++
- **Technologies:** Spark/Hadoop, AWS, Agile/Sprint