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github.com/JonathanLobo

Please contact for address & phone.

JONATHAN LOBO

EDUCATION

University of Pittsburgh, Pittsburgh, PA

M.S., Computer Science, expected December 2018 January 2017 - Present

Relevant Coursework: Machine Learning, Artificial Intelligence, Algorithm Design, Computer Architecture, Computer Vision, Database Management Systems

B.S., Computer Science & Economics August 2014 – December 2017

Cumulative GPA: 3.86/4.00, Graduated Summa Cum Laude, Dean's List 2014 – 2017, Full Tuition Scholarship

Relevant Coursework: Algorithm Implementation, Data Science, Data Structures, Systems Software, Operating Systems, Formal Methods, Web Applications, Cryptography & Network Security, Discrete Mathematics, Linear Algebra, Calculus 1 & 2, Statistics, Econometrics, Macroeconomics, Microeconomics, International Finance

Archmere Academy, Claymont, DE August 2010 – May 2014

Valedictorian of Class of 2014 (GPA: 4.00, Weighted GPA: 4.55)

Presidential Scholar Candidate, National Merit Scholarship Finalist, National AP Scholar

Attended Delaware Governor's School for Excellence

Recipient of Technology Medal and Certificates in Computer Science, Mathematics, English, & Spanish

EXPERIENCE

University of Pittsburgh, Pittsburgh, PA January 2017 – Present

Teaching Assistant

- Recitations, grading, and office hours for two sections of CS 0441: Discrete Structures

OneMain Financial, Wilmington, DE May 2016 – August 2017

Quantitative Analytics Intern

- Worked on-site during summer of 2016 & 2017, remotely from Pittsburgh during the interim
- Designed new credit bureau attributes and an alternative underwriting model using machine learning
- Developed Java applet to interface with company server and train branches in underwriting
- Pulled data from company database, scored daily loan applications using SAS data analysis software

Springleaf Financial Services, Wilmington, DE May 2015 – August 2015

Risk Analytics Intern

- Developed GUI-based Java applet to access company database and generate graphical reports
- Independently translated company-wide loan auto-decisioning model from SAS to Java and R
- Conducted data analysis using SAS and generated statistical reports with Microsoft Excel

TECHNICAL SKILLS

Platforms: Unix, Windows, macOS

Languages: Java, Python, C/C++, HTML, CSS, JavaScript, PHP, SQL, R, MIPS Assembly

Other: Git, MATLAB, SAS, Stata, Microsoft Office