William "Jimmy" McMillian

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EDUCATION

AMHERST COLLEGE, AMHERST, MA

Class of 2020

Bachelor of Arts: Computer Science, Mathematics

Vice President of Amherst Chapter of National Society of Black Engineers, Varsity Men's Soccer

RON BROWN SCHOLAR CAPTAIN, New York, NY

April 2016 - Present

Scholarship Semifinalist, Scholar Captain

Selected as top 1.5% of over 5,000 Ron Brown Scholarship applicants to the highly selective development program that provides students personal and professional development services.

NOTABLE PROJECTS

KAGGLE MARCH MACHINE LEARNING MANIA FINALIST, Predict '16 NCAA Basketball Tournament

- Led 3 rd placed (out of 598 worldwide), team of four students in the creation of binary logistic regression models to predict percentage outcomes of tournament matchups for \$4,000 cash prize.
- Assisted the management of team blog and twitter accounts by posting daily updates and content which drew attention of millions online and was shared by Nate Silver and ESPN personality Chris Broussard.

WORK EXPERIENCE

CITI, NEW YORK, NY

May 2019 - Present

Emerging Technology Risk Summer Analyst

- Research Blockchain, cloud computing, digital wallet, and artificial intelligence and machine learning technologies to create risk frameworks and taxonomies to be used by Citi globally.
- Lead writer of Citi Operational Risk Management (ORM) Digital Wallet Note, a short document intended to educate employees on the technologies that sit within the "digital wallet" umbrella, the inherent and manageable risks of their implementations, and best practices to mitigate those risks.
- Contribute to the writing of Citi ORM Blockchain Position Paper, a document that introduces Citi employees to Blockchain technology, the associated risks, and Citi's position on best practices for risk mitigation.

UNDER ARMOUR INC, BALTIMORE, MD

May - August 2018

Data Analyst Intern, North America Operations & Logistics

- Executed data mining project to identify root causes for distribution centers shipping orders past cancel dates, influencing multiple changes in operations practices for North America(NA) distribution houses (DH), potentially reducing compliance costs by \$10M YoY.
- Constructed daily DH performance reports that were presented every morning to distribution operations team, including VP of NA Distribution, to influence daily processing strategy.
- Create digital operating cadence schedule for Chief Digital Officer, consisting of regular meetings and key execution dates across all teams involved in digital product and strategy.

MONSTERFUL VR, NEW YORK, NY

July 2017 - March 2018

Analyst Intern, Business Development

- Compiled collections of data on pitch and swing metrics using Microsoft Access and created Tableau dashboards for use in the development of flagship product Ribee VR- a training tool now used in the MLB and New Balance Future Stars Series to eliminate perceptible latency in hitter training and pitcher scouting.
- Formulated weekly original research reports consisting of brands spending heavily on virtual reality and sports sponsorship, and influencers in the industry.
- Created Excel spreadsheets of contact information of Head of Marketing, Business Development, and experiential activations in the sports entertainment industry.

PROFIT INVESTMENT MANAGEMENT, BETHESDA, MD

July - August 2014, June - August 2015

Equity Analyst Intern, Media, Technology, and Healthcare

- Decided to change internal rating of investment in human interface solutions provider Synaptics (SYNA) to BUY, yielding ROI of +36% as it reached its ATH 10 months later.
- Projected the 5-year growth potential for media, technology and healthcare companies by analyzing large volumes of financial data in Excel.
- Conducted research on market trends and quarterly earnings of fund portfolio companies.
- Drafted opinion reports and ratings on fund holdings and market leaders for the CEO and Chief Investment Officer.

SKILLS

SOFTWARE: Minitab, Mathematica, Java, Python (limited), LaTeX, Sage, AutoCAD, Microsoft Excel, Tableau **LANGUAGES:** Non-native fluency in the Spanish language: over six years of instruction.

RELEVANT COURSEWORK: Data Mining, Data Structures, Algorithms, Computer Systems, Multivariable Calculus, Discrete Math, Number Theory, Linear Algebra with Applications, AP Statistics, Sports Statistics, AP Physics C, Modern Physics