JAMES P. WRIGHTSON

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Aspiring Software Engineer building expertise in Artificial Intelligence and Machine Learning

POST GRAD EDUCATION EXPERIENCE

University of Pennsylvania, Philadelphia, Pennsylvania – In Progress (Fall 2022 Expected Completion)
Master's of Computer and Information Technology (Computer Science)

- Future electives: Artificial Intelligence, Computer Vision & Photography, Introduction to Robotics, Blockchains & Cryptography

Boston University, Boston, Massachusetts – 2021
Non-Degree Coursework

- Computational Linear Algebra – A

Rutgers University/Bergen Community College – 2020
Non-Degree Coursework

- Intro to Computer Science – A
- Differential Equations – A
- Multi-Variable Calculus – A
- Physics 1 – A

PROFESSIONAL EXPERIENCE

Quality Medical Management Services USA (ENT and Allergy Associates), *Tarrytown*, NY (April, 2019 - Present)
Senior Business Intelligence Analyst

- Data engineer and Tableau visualization developer, generating insights and improving workflows, serving multiple business functions and stakeholders (Physicians, Finance, Marketing, IT, Call Center, and C-Level Executives)
- Architected the design of several SQL stored procedures from scratch and integrated data from several disparate data sources to calculate the biweekly compensation of over 200 physicians based on company custom logic. Reduced the need for over 500 hours of labor per month for the finance department
- Designed a stored procedure to allocate physician collections based on different categories and complicated, customized business logic
- Utilized Python to generate correlation coefficients for each combination of allergens based on thousands of samples of allergy test results

Axis Group, *Berkeley Heights*, NJ (July, 2017 – March, 2019)
Technical Accounting Assistant (Financial and Operational Analyst)

- Internal consultant to the CEO – ensured all departments and business segments operate effectively and efficiently
- Responsible for analyzing operational and financial data and creating metrics with QlikSense software to identify company-wide performance improvement opportunities
- Led company in the transition to a new contract system; directed sales team on procurement process
- Aided in the build out of a Tableau onboarding process for new hires and supported Tableau projects

National Bureau of Economic Research, *New Brunswick*, NJ (December, 2016 – July, 2017)
Research Assistant

- Analyzed 150 year old bank documents within a research team to collect data and generate original insights

Cintas Corporation, *Union*, NJ (July, 2016 – September, 2016)
Intern

- Organized operational processes and assisted in increasing efficiencies

EDUCATION AND PRE-PROFESSIONAL EXPERIENCE

Rutgers University, New Brunswick, New Jersey – Class of 2017
Bachelor of Arts in Economics (GPA: 3.67)

- Certificate in Financial Economics (GPA in certificate coursework: 3.75)

Bergen Community College, Paramus, New Jersey – Class of 2015
Associate in Science (GPA: 3.88)

- Phi Theta Kappa Member – Served on the board of the school's chapter as Treasurer

Part Time Jobs, Multiple Locations (June, 2012 – July, 2016)
Catering Staff, Waiter, Deli Clerk, Custodian

- Averaged 35 hours per week

Semi-Pro/Junior Level Hockey (Top North American Junior A League) (July, 2011 - March, 2012)

- Offered and accepted hockey contract to play in the Eastern Junior Hockey League. Played on teams with and against players currently on NHL and NHL-affiliated teams

TECHNICAL SKILLS

Java, Python, SQL