Nicholas S. **Branco**

DATA SCIENTIST

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Experience

Hard Rock Hotel and Casino *Atlantic City, New Jersey*

DATABASE ANALYST *September 2018 - Present*

- Perform pro-forma and post-forma analysis on promotions.
- Analyze a large database of gaming data on a daily basis.
- Create reports containing gaming data, food and beverage data, promotion data, and employee data.

Hard Rock Hotel and Casino *Atlantic City, New Jersey*

FOOD AND BEVERAGE SYSTEMS COORDINATOR *April 2018 - September 2018*

- Configured the Point-of-Sale system for fifteen outlets.
- Built and maintained a large SQL-based database of menu items, prices, employees, tenders, etc.
- Ran reports on sales data, product consumption, and shift data and analyzed the results.

Stockton University *Galloway, New Jersey*

LAB TECHNICIAN *September 2016 - April 2018*

- Set up and manage introductory physics labs, take inventory of stock room, and assist professors with demonstrations.
- Tutor and assist students individually or in small groups to help them master assignments and to reinforce learning concepts presented by professors.

Education

Stockton University *Galloway, New Jersey*

M.S. IN DATA SCIENCE AND STRATEGICAL ANALYTICS *September 2017 - August 2018*

- GPA of 3.87
- Coursework: Data Practicum, Case Studies in Analysis, Data Stewardship, Communicating Data Stories, Data Gathering and Warehousing, Data Exploration, Data Analysis and Operations Research, Machine Learning, Data Visualization

Stockton University *Galloway, New Jersey*

B.S. IN PHYSICS *August 2013 - May 2017*

- GPA of 3.53
- Minor in Mathematics
- Coursework: Thermal Physics, Quantum Mechanics, Electricity and Magnetism, Optics, Electronics, Networks, Modeling and Simulation

Stockton University *Galloway, New Jersey*

RESEARCH - NETWORK CONTROL AT A DISTANCE *May 2015 - May 2017*

- Advisor: Dr. Jason Shulman
- Researched in the field of networks
- Developed a complex network of electronic components sensitive to light.
- Successfully controlled the network using a separate circuit of light bulbs, effectively showing the network could be controls at a distance.
- Utilized MATLAB heavily to create the model and control the network.

Skills

- SQL, Machine Learning, Data Analysis, Mathematics, Physics, Complex Problem Solving, Education and Training, Critical Thinking, Active Listening
- Languages: Python, MATLAB, R, LaTeX, Tableau