

# Nicholas S. Branco

DATA SCIENTIST

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## Experience

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### Hard Rock Hotel and Casino

*Atlantic City, New Jersey*

FOOD AND BEVERAGE SYSTEMS COORDINATOR

*April 2018 - Present*

- 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.
- Performed large configuration changes in order to accurately follow the procedures for each outlet.

### 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.

### Stockton University

*Galloway, New Jersey*

COURSE MANAGER

*September 2015 - December 2016*

- Advisor: Dr. Yitzhak Sharon
- Classes: Introduction to Physical Sciences, "Atom, Man, Universe", Physics for Life Sciences I, Physics for Life Sciences II
- Instruct students on subject material in one-on-one and group tutoring sessions.
- Evaluate and grade examinations, assignments, and papers and record the grades.
- Develop teaching materials, such as syllabi, visual aids, answer keys, examinations, and supplementary notes.
- Ensure the BlackBoard page for the courses were constantly updated.

## Education

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### 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

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