Nicholas S. **Branco**

DATA SCIENTIST

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Education

Stockton University   *Galloway, New Jersey*

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

- GPA of 3.57
- Coursework: 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.

Experience

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
- Evaluate and grade examinations, assignments, and papers and record the grades.
- Develop teaching materials, such as syllabi, visual aids, answer keys, and supplementary notes.
- Prepare and proctor examinations.
- Ensure the BlackBoard page for the courses were constantly updated.

Skills

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