

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

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.
- Copy and distribute classroom materials.
- Provide instructor with use of audiovisual equipment.
- Ensure the BlackBoard page for the courses were constantly updated.

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.

Hard Rock Hotel and Casino

Atlantic City, New Jersey

FOOD AND BEVERAGE SYSTEMS COORDINATOR

April 2018 - Present

- Built and maintained the Point-of-Sale (POS) systems for the property.
- Create, manipulate, and edit large databases in Excel and SQL

Skills

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