

Nicholas Scott
Brooklyn, NY
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Education

M.S. in Data Analytics and Visualization [2019 – 2022]

The Pratt Institute

B.A. in Political Science [2009 – 2013]

The University of Alabama at Birmingham

Work Experience

Senior Data Scientist [October 2022 – Present]

St. John's University

- Build predictive models, data visualizations, statistical analyses, and reports that support the mission of the Office of the Provost and student success.
- Present key findings to relevant stakeholders in a clear, concise manner, and explain complex machine learning techniques and tools to non-technical audiences.
- Create SQL views in Snowflake to be used across the institution for various models, dashboards, and reports.
- Build web apps using Flask framework to demonstrate models for proof-of-concept presentations.
- Use data science and visualization tools in Python to produce valuable insights for stakeholders in the Office of the Provost.

Supervisor: Dallas Maddox

Contact: maddoxd@stjohns.edu

Business Analyst – IT [October 2021 – October 2022]

Pace University

- Lead the implementation of Microsoft Dynamics CRM system.
- Develop ETL processes to integrate multiple existing data sources with Microsoft Dynamics CRM.
- Oversee and assist in development of complex SQL queries to be used in ETL processes to ensure data accuracy and system usability.
- Work with University student-facing areas to analyze processes and re-engineer, where necessary, to ensure that they are efficient and student-friendly.
- Serve as a Subject Matter Expert in the use of CRM, Chatbots, Help Desk, and other related tools.
- Provide training and support to users of student success tools.

Supervisor: Donna Scarano

Contact: dscarano@pace.edu

Assistant Registrar - Academic Services [July 2018 – October 2021]**Pratt Institute**

- Direct the academic scheduling process each semester.
- Design, build, and update degree audits for academic programs using Ellucian Colleague Degree Audit module
- Assist Associate Registrar for Courses and Curriculum on projects as needed.
- Oversee the Academic Standing process each semester.
- Run ad-hoc reports for staff and faculty using Business Objects reporting software.
- Assist in administration and maintenance of 25Live scheduling software.

Supervisor: Juliet Lee

Contact: 718.230.6884

Financial Aid Counselor [February 2017 – July 2018]**New York School of Interior Design**

- Administer all aspects of the financial aid process.
- Counsel and advise students/parents in person, online, and by phone on the application process and available aid options.
- Oversee verification process – create/update forms each academic year to remain consistent with federal guidelines.
- Manage all aspects of Federal Work Study program.
- Work with other offices and departments to develop written policies on payment deadlines and financial aid procedures.
- Give financial aid presentations to students/parents at all Open House and Orientation events each semester.

Supervisor: Karen Higginbotham

Contact: 212.452.4194

Administrative Support Specialist - Student Financial Aid [September 2014– February 2017]**University of Alabama at Birmingham**

- Responsible for the daily ISIR load process and COD file import.
- Create weekly packaging reports using the ODS database for the Executive Director of Financial Aid and Scholarships.
- Develop SQL queries to produce ad-hoc reports and lists for Financial Aid staff and various schools and departments as needed.
- Troubleshoot and correct Direct Loan rejects using Banner and COD.
- Assist in writing and revising Financial Aid policies on the university website.
- Answer phones and assist the front desk staff when needed.

Supervisor: Helen McIntyre

Contact: 205.934.8123

Skills and Qualifications

- Proficient in the following programming languages and libraries:
 - SQL (Snowflake, Oracle, MySQL, etc.)
 - Python (SciKitLearn, TensorFlow, Pandas, NumPy, StatsModels, Matplotlib, Flask, etc.)
 - Shell scripting
- Proficient in the following programs and applications:
 - Git and GitHub
 - Tableau
 - Toad (Oracle)
 - DataGrip (JetBrains)
 - Banner (Ellucian)
 - Colleague (Ellucian)

References

Marie Maldonado - Assistant Vice President ITS - Development and Infrastructure

Pace University

Email: mmaldonado@pace.edu

Donna Scarano – Director of Academic Computing Services

Pace University

Email: dscarano@pace.edu

Luke Phillips - Registrar

Pratt Institute

Phone: 718.636.3663

Email: lphilli8@pratt.edu

Marcia Approo - Associate Registrar

Pratt Institute

Phone: 718.636.3534

Email: mapproo@pratt.edu

Juliet Lee - Associate Registrar

Pratt Institute

Phone: 718.230.6884

Email: jlee170@pratt.edu

Karen Higginbotham – Dean of Students

New York School of Interior Design

Phone: 212.452.4194

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