



Russell McGrath



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PROFESSIONAL PROFILE

Analytical professional with experience in engineering, software testing and procurement, looking to take advantage of my skillset in a Data Science role.

KEY SKILLS

- Data Science / Analytics
- Data Collection
- Data Transformation
- Data Visualization
- Machine Learning
- Project Management

TECHNICAL SKILLS

- **Programming & Scripting Languages:**
Python, VBA, HTML/CSS, Javascript, SQL, mongoDB
- **Business Intelligence tools:**
Tableau, Power BI
- **Microsoft Office Suite**

EDUCATION & CERTIFICATES

BS in Mechanical Engineering

New Jersey Institute of Technology

- Multiple Dean's List Honors
- Winner, Heat Sink Design Contest

Data Science Bootcamp Certificate

Rutgers University

- A+ Academic Average
- Golden Ducky Award (Best Debugger)
- Named "Most Likely to Inspire Young Data Scientists"
- Gave guest lecture on application deployment

Mini-MBA in Digital Marketing

Rutgers Business School

PROFESSIONAL EXPERIENCE

2017/10 – 2020/03

Flight Centre Travel Group, USA

Procurement Agent

- Managed 40+ product and service vendors, servicing 100+ retail and commercial office spaces
- Negotiated vendor contracts
- Maintained inventory reports
- Used data to analyze inventory usage rates to find opportunities for cost savings

2015/11 – 2017/04

Mitsubishi Hitachi Power Systems America

Project Engineer & Procurement Agent

- Performed project management and procurement activities for large hydroelectric and natural gas power plant projects.
- Managed vendor relationships
- Fully owned aftermarket sub-projects from client request, through vendor sourcing, delivery and payment

2011/11 – 2015/10

Citi Private Bank

Asst. Vice President,

Integrated Systems & User Acceptance Testing

- Managed a team of 40+ testers (on & offshore)
- Defined metrics to assess testing results and efficiency
- Created automated dashboards & reports
- Scripted custom workflows into testing management software (VBA)

2007/02 – 2011/10

Hitachi Power Systems America

Project Engineer

- Performed project management activities for large scale power plant projects
- Coordinated with client as well as equipment/service suppliers.
- Reviewed engineering calculations, drawings and specifications.
- Managed document control system to track status of engineering deliverables

ADDITIONAL ACCOMPLISHMENTS

- Eagle Scout
- Google Analytics & Google Ads certified, 2018-2019
- Started corporate softball teams at two previous companies

HOBBIES & INTERESTS

Reading ▪ Camping/Canoeing ▪ Gaming ▪ Classic Cars ▪ Baseball