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 Visualization tools:** Tableau, Power BI, Excel
- **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