Devin Maiello   Data Analyst/Engineer

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Education

The College of New Jersey, Ewing, NJ (2011-2015)
- 3.6 / 4.0 GPA (Cum Laude)
- Bachelor of Science in Electrical Engineering degree
- Passed Electrical FE Exam (Certified Engineer in Training)
- 321 GRE Score (166 Quantitative)

Undergrad Courses:
- Multivariate Calculus
- Statistics
- Computer Arch and Organization
- Embedded Systems

Independent Coursework:
- Coursera: Algorithms, Part 1 (Princeton U)
- Coursera: Applied Data Science in Python (U of Michigan)
- Coursera: Python for Everybody (U of Michigan)
- DataQuest.io, Kaggle, HackerRank

Professional Experience

UPS, Paramus, NJ: *Software Developer Associate*, June 2016 to Present
- Work with the application development team to design and maintain the web app used by the Collections Dept.
- Use Java and SQL Server to manage over 30 million accounts and invoices in our database

Lockheed Martin, Owego, NY: *Systems Engineer (Data Analytics)*, July 2015 to June 2016
- Worked in the Reliability and Maintainability Department working on the Joint Strike Fighter Program
- Analyzed immense amounts of data on hardware failures using Excel/VBA to find actionable insights for customers

Metro-North Railroad, New York, NY: *Power Engineer Intern*, Summer and Winter 2013
- Gained an understanding of AC/DC substations powering third-rail and catenary lines
- Developed a database of overheads along the rails for burner mitigation

Projects and Research

TiVo for Radio Device, The College of New Jersey: *Senior Project*, 2014-2015
- Worked with team to develop a device to record the FM band and time-delay the signal for playback
- Handled hardware design portion working with RF filtering and ADC/DAC components

GET-UP REU, Rutgers University: *Research Assistant*, Summer 2014
- Participant in the Green Energy Technology Undergraduate Program (GET-UP)
- Performed research on glass hermetic seals for their application in liquid metal batteries under Dr. Ashutosh Goel

Activities and Awards

The College of New Jersey:
- Executive Board member of IEEE student chapter
- Tau Beta Pi Engineering Honor Society
- Brother of Sigma Alpha Epsilon Fraternity (ΣAE):*Webmaster* and *Recruitment Chairman*
- Club Sport Athlete, Baseball
- TCNJ Merit Scholarship Award
- Capital Steel Scholarship Award

Technical Skills

Programming Languages: Python (Pandas, NumPy, Scikit-learn, etc.), Java, SQL, MATLAB, Javascript (D3)
Tools: IPython (Jupyter), Eclipse, Visual Studio, SQL Server, PostgreSQL, Git, Excel, IBM Datastage