

NATHANIEL J. LIVINGSTON

njlivingston333@gmail.com
[linkedin.com/in/nathaniel-livingston](https://www.linkedin.com/in/nathaniel-livingston)
681-209-0338
<https://github.com/Atomickilroy>
Project Portfolio: <https://atomickilroy.github.io/>



>> **Data Science | Machine Learning | Electrical Estimation**

SUMMARY

- ❖ Multidisciplinary, driven Data Analyst with a passion for condensing large data into a simple to understand story.
- ❖ Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts in layman terms to diverse audiences.
- ❖ Able to problem solve in a fluctuating environment.
- ❖ Extremely energetic and very committed to excellence.
- ❖ Ability to complete tasks on time and a variety of other unique skill sets.

TECHNICAL SKILLS

Languages: Python, VBA, Excel, Pandas, Matplotlib, API's, Jupiter Notebook, JavaScript, HTML, CSS, R-Script, PySpark, Tableau, Colab

Databases: SQL, MongoDB

Estimating software: Bluebeam, Accubid, Accubid Database Manager, Live Count

EDUCATION

Data Analytics and Visualization Boot Camp Certificate: George Washington University, Washington, DC
A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL, MongoDB, Tableau, Big Data, and Machine Learning. As machine learning and AI start to be integrated into the way we approach data. This course has prepared me for just that; a future where interacting with these different languages is no longer a perk but a necessity.

(Expected Completion – September 2022)

RELEVANT EXPERIENCE

Electrical Estimator / Jr. Project Manager 2020-2022

Freestate Baltimore LLC- Cumberland/Owings Mills, MD

Overview- In this role it was my responsibility to do a cost analysis of the electrical portion of any given type of project, commercial or industrial, and ranging from 50k-2million dollars. I would count electrical devices and send for package quotes to vendors. Read through specifications and drawing sets to determine the appropriate means and methods. Then build out the cost of installation for every electrical component within the projects' scope. To not only insure the most competitive proposal was put forward but while ensuring peace of mind to upper management that the project wasn't going to result in a loss of company capital and why.

What I Learned- Initially this position taught me how to how to handle failure, success and bid/ manage profitable projects. It's also where I discovered my passion for data and where I recognized at the time my ability to leverage data was limited by my ability to interact with it in an efficient manner.

Transferable skills - organization, meticulous detailing, extracting data, ability to think both on your feet and conceptually, resilience, tenacity, self-reliance as well as teamwork.

Key Accomplishments

- ❖ Generated Over 3.2 million dollars of new and profitable projects 2020-22
- ❖ Built a functional bid sheet that was used to bid a lighting retrofit project for the entire Shepherd University's campus.
- ❖ Maintained the 2nd highest bid to turnover ratio from 2021-2022; among a team of 7 senior estimators.
- ❖ Was prompted to this position going into the last year of my electrical apprenticeship.

EDUCATION CONTINUED

National Joint Apprenticeship Training and Committee (NJATC)

A 5-year electrical apprenticeship that focused on installation of power distribution equipment, low voltage controls and building automated controls. With exposure to each discipline in a variety of different environments such as: industrial power plants, heavy-commercial buildings and hospitals.

(Graduated May 2021)

ADDITIONAL EXPERIENCE

Apprentice Electrician
Cumberland, MD

2020- 2020 Freestate Electric

- ❖ Volvo Mac Truck- Hagerstown, MD (Light Industrial – Arc Flash Mitigation controls)

Apprentice Electrician

2019-2020

S&S Electric

Ridgeley, WV

- ❖ U.S. Customs and Border Protection Advanced Training Facility (Commercial-Power)
- ❖ Cumberland Wastewater Treatment (Industrial-Power/Controls-Class I DIV 1)

Apprentice Electrician

2016-2019

Freestate Electric

Cumberland, MD

- ❖ Luke Paper Mill- Luke, MD (Industrial- Power)
- ❖ EPS-Hagerstown, MD (Industrial- Power DIV 1)
- ❖ VA Hospital- Martinsburg WV (Hospital -Power/BAC)

PERSONAL INTERESTS

Snowboarding, Skating, Whitewater Rafting, DIYs, Hiking, Archery, Writing, Wildlife photography

References Available Upon Request

