

Evan Michael Chowdhury

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Data Visualization <ul style="list-style-type: none">Tableau (Joins, Calculated Fields, Parameters)Matplotlib/SeabornExcel (Pivot Charts)	Data Analysis <ul style="list-style-type: none">SQL (Joins, Window functions)Pandas (Joins, Queries)Excel (Pivot Tables, XLOOKUP)	Data Programming <ul style="list-style-type: none">Python Fundamentals (Functions, Loops, etc...)Pandas/Numpy/ScipyFamiliar with Java
Scientific Research <ul style="list-style-type: none">Previously studied/worked as a Chemical EngineerSynthesized and analyzed new renewable energy material	Machine Learning <ul style="list-style-type: none">Knowledge of ML conceptsExposure to:<ul style="list-style-type: none">Scikit-learn, Keras, CNNs	Soft Skills <ul style="list-style-type: none">Extensive presentation experienceLeadership experience

WORK EXPERIENCE

R&D Altanova
Process Engineer

Oct 2022 –Feb 2023
South Plainfield, NJ

- Developed python/matplotlib code to gain insight into daily PCB (printed circuit board) production
- Analyzed Electronic Test (ET) data to determine impact of circuit board contamination and to evaluate new Desmear process (PCB hole cleaning)
- Gained leadership experience by advising, overseeing and directing multiple fabrication processes

Hillhouse Lab Group @ University of Washington
M.S. Researcher

Dec 2020 – Aug 2022
Seattle, WA

- Synthesized/Investigated promising new material for renewable energy applications
- Developed python code to sort data and visualize findings and presented to research group

EDUCATION

University of Washington, Seattle
M.S. Chemical Engineering w/ Data Science Option | GPA: 3.43

2020 - 2022
Seattle, WA

- Relevant Coursework: **Data Science, Math Methods for Engineers (solving differential equations via python),** Fluid Transport, Photovoltaics, Thermodynamics

University of California Santa Cruz
B.S. Chemistry | GPA: 3.73 | Dean’s List

2016 - 2020
Santa Cruz, CA

- Relevant Coursework: **Intro to Java, Statistics, Linear Algebra, Differential Equations, Vector Calculus,** Physics, Organic/Physical/Inorganic Chemistry

LANGUAGES

English

French

Spanish

Portfolio Projects Showcasing Skills: <https://github.com/EvanMChowdhury/PortfolioProjects>