Evan Michael Chowdhury

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SKILLS

SQL	Excel	Python
SQL • **Joins** • **Sub-queries** • **Window Functions**	**Excel** • **Pivot Tables** • **Calculated Fields** • **Data Visualization** • **XLOOKUP/ VLOOKUP**	**Python** • **Fundamentals (Functions, Loops, etc...)** • **Pandas/Numpy/Scipy** • **Data Visualization via Matplotlib/Seaborn**
Tableau • **Data Visualization** • **Calculated Fields/Parameters** • **Joins**	**Other Skills:** • **Math/Physics/ Chemistry** • **Java** • **Machine Learning**	**Soft Skills:** • **Extensive experience in presenting reports/reviews** • **Leadership experience** • **Effective working individually and in a group**

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

WORK EXPERIENCE

R&D Altanova   **October 2022 – February 2023**
Process Engineer   *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   **December 2020 – August 2022**
M.S. Researcher   *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   **2020 - 2022**
M.S. Chemical Engineering w/ Data Science Option   *Seattle, WA*
GPA: 3.43
- Relevant Coursework: **Data Science, Math Methods for Engineers (solving differential equations via python)**, Fluid Transport, Photovoltaics, Thermodynamics

University of California Santa Cruz   **2016 – 2020**
B.S. Chemistry   *Santa Cruz, CA*
GPA: 3.73, Dean's List
- Relevant Coursework: **Intro to Java, Statistics, Linear Algebra, Differential Equations, Vector Calculus**, Physics, Organic/Physical/Inorganic Chemistry

INTERESTS

- French/Spanish Proficiency, Chess Tournament Player, Yoga, Music/Concerts, Computers/Gaming