NOAH PORTMAN

www.noahportman.com | www.linkedin.com/in/noah-portman/

SUMMARY

A resourceful and thoughtful professional with a robust background in nature-based solutions, water engineering, and data analysis, Noah is seeking an opportunity that will enable him to leverage his remote sensing and geospatial skills alongside his business development experience while contributing significantly to a company's sustainability goals.

FELLOWSHIP

CLIMATEBASE – Remote

Cohort 3 Fellow   *May 2023 – Aug 2023*

⊿ Cultivated a robust skill set encompassing climate policy expertise, strategic planning proficiency, and the ability to conceive innovative solutions for pressing environmental challenges.

⊿ Produced final capstone project that incorporated geospatial analysis using satellite imagery to help devise biodiversity scores and assess water quality parameters across various regions and over lengths of time.

EDUCATION

COLUMBIA UNIVERSITY – New York, NY

M.S., Sustainability Science | GPA: 4.0   *October 2021*

⊿ Relevant Coursework: Statistics, Data Analysis, and Coding | Climate Science Modeling, Analysis, and Applications | Technology of Renewable Energy | Monitoring of Marine and Estuarine Environments | Environmental Sustainability Indicators | Energy, Equity, and the Built Environment | Smart Sustainable Cities

THE OHIO STATE UNIVERSITY – Columbus, OH

B.S., Environmental Engineering | GPA: 3.8   *December 2017*

⊿ Tau Beta Pi, Engineers Without Borders, Magna Cum Laude, Dean's List, Humanitarian Engineering Scholar

⊿ Relevant Coursework: Water Resources | Groundwater Remediation | Numerical Methods | Economics

EXPERIENCE

SERMONIX PHARMACEUTICALS – Remote

Data Analysis Associate   *Sep 2022 – Present*

⊿ Orchestrated the creation of patient databases encompassing clinical trials, progress updates, and data visualizations.

Business Development Associate   *Sep 2019 – Jan 2022*

⊿ Leveraged web-based health applications and life science databases to generate insightful competitive intelligence.

N-DRIP GRAVITY MICRO IRRIGATION – Remote

Sustainability Associate   *Feb 2022 – Jul 2022*

⊿ Investigated approaches for generating carbon offsets from carbon and methane reductions from fertilizer abatement.

⊿ Developed and maintained a database of corporation supply chains with respect to water/carbon reduction commitments.

COLUMBIA UNIVERSITY – New York, NY

Project Manager | Integrative Capstone for SuSci at The Earth Institute   *Jan 2021 – May 2021*

⊿ Coordinated collaboration among team members for the collection, organization, and analysis of particulate matter data, culminating in the presentation of findings at the International Society for Exposure conference.

⊿ Directed a scientific study, wielding handheld particulate matter air sampling devices, to methodically evaluate air pollution levels on subway platforms across New York City's diverse boroughs.

GRESHAM SMITH – Columbus, OH

Environmental Engineer   *Aug 2018 – Aug 2019*

⊿ Developed NPDES outfall permits through fieldwork, data analysis, and computer simulation modeling.

⊿ Conducted EMS and EHS inspections to support clients in meeting regulatory requirements and sustainability goals.

⊿ Performed site investigations and prepared SPCC and SWPPP plans for various government and private clients.

SKILLS

PROGRAMMING | Python, R, SQL, C, Google Earth Engine, GIS, CADD, MATLAB, Microsoft Excel/PowerPoint/Word
LANGUAGES | English, Hebrew, Mandarin
INTERESTS | Travelling, video editing, computer modeling, data visualization, theater and acting, yoga