

Brendan Mahoney

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

New York, NY

Managing Consultant

Mr. Mahoney supports E3's Integrated System Planning group. Prior to joining E3, Mr. Mahoney earned a Master of Science degree in Energy Science and Technology at the Swiss Federal Institute of Technology (ETH Zurich), where he focused on the integration of renewables into the power system. He previously worked as a Senior Consultant in IBM's Energy & Utilities consulting practice, working with electric utilities to modernize their grids with technologies like Advanced Metering Infrastructure (AMI). He also holds a Master of Science degree in Analytics from the Georgia Institute of Technology (Georgia Tech) and a Bachelor of Science degree in Systems Engineering and Economics from the University of Pennsylvania.

TIKO ENERGY SOLUTIONS AG

Zurich, SWITZERLAND

Semester Project Intern

August 2022 – December 2022

- Developed bidding algorithm to maximize revenue on French power markets from a pool of IoT-enabled electric heaters
- Analyzed bidding strategy's implications for energy usage, grid stability, and French demand-side management policy

INTERNATIONAL BUSINESS MACHINES CORP. (IBM)

Cambridge, MA

Senior Consultant – Energy & Utilities

October 2019 – April 2021

Consultant – Energy & Utilities

October 2017 – October 2019

- Supported testing and business process teams for grid modernization implementations of over one million Advanced Metering Infrastructure (AMI) meters and their auxiliary infrastructure for electric utilities in Florida and Maine
- Duties included all aspects of project management, including leading testing team, vendor management, project and resource planning, development and presentation of client deliverables, and proposal writing and presentation
- Refined outage data for input into outage prediction model based on real-time weather forecasts for Virginia utility

Education

ETH Zurich (Swiss Federal Institute of Technology)

Zurich, SWITZERLAND

M.S., Energy Science and Technology

July 2023

Georgia Institute of Technology

Atlanta, GA

M.S., Analytics

August 2021

University of Pennsylvania
B.S., Systems Engineering & Economics (Cum Laude)

Philadelphia, PA
May 2017