

MARC JOHNSON

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Driven sustainability professional demonstrating keen ability to bridge the gap between commercial and technical domains via needs assessment, market research and solutions development to support and build innovative and impactful organizations. Leverages strong business, technical and financial acumen with strategic planning and tactical execution to promote growth and establish positive social and environmental impact. Regarded as an innovative thought leader and business disruptor with an aptitude for creating high-value and dynamic initiatives through research, project vetting, leadership and performance management.

PROFESSIONAL EXPERIENCE

Environmental Solutions Architect

March 2022-Present

Protocol Labs - Filecoin Green

- Designed and maintains the Storage Providers Green Guidance, and co-developed the Auditing Process and Reporting Portal to assist Storage Providers in decarbonizing operations based on verifiable claims.
- Leads product design, customer adoption, and market research of carbon offset product, CO2.Storage.
- Represents Team and Company in various presentations, panel discussions, articles, and podcasts.
- Member of GBBC IWA Carbon Emissions Taskforce, and World Economic Forum CISA working group.

Senior Associate

Feb 2021-March 2022

Rocky Mountain Institute (RMI)

- Contributed to the success of the Climate Intelligence Program as the leader of digitization efforts for Horizon Zero, key manager of the COMET initiative, and project lead for the Crypto Climate Accord.
- Leveraged domain-expertise in data analysis and product development to craft actionable insights from emissions data.
- Co-authored multiple reports, insight briefs, and market research articles.

Executive Consultant

April 2020-Jan 2021

Hassan's International Law Firm

- Served as key advisor for the Government of Gibraltar on the Implementation of objectives and financing mechanisms under Article 6 of Paris Agreement.
- Assisted in developing regulatory framework addressing legal, commercial, and technical structure for the Voluntary Trading of Green Instruments.

Chief Executive Officer

Sep 2019-Feb 2020

BunkerTrace

- Recruited as a leader of BLOC to lead pioneering joint-venture that combined elements of blockchain-based reporting platform with synthetic-DNA physical tracer that enabled full value-chain traceability for maritime sector.
- Conceptualized, developed and executed long-term strategies, technical solutions, business models & scaling processes.
- Oversaw all operations and drove continuous organizational growth and recognition.

Chief Sustainability Officer, Director

Jan 2019-Feb 2020

BLOC (Blockchain Labs for Open Collaboration)

- Spearheaded multiple global projects and served as Subject Matter Expert for sustainability initiatives within the maritime, energy, and water industries.
- Led product development and implemented strategies that successfully integrated solutions, SaaS business models, and improved processes.
- Oversaw technical aspects of application development and deployment.

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Sustainable Development Mechanism Intern

June 2018-Sep 2018

United Nations Framework Convention on Climate Change (UNFCCC)

- Conducted research and analysis on potential entry points, pilot schemes, and integration of emerging digital technologies to enhance global climate action.
- Assisted in facilitating implementation of the Paris Climate Agreement.

Independent Contractor, Intern

Nov 2017-Feb 2018

ConsenSys

- Supported internal research initiative, conducted research and analysis on the economic validity of decentralized business models.
- Assisted in building guidelines and standards for tokenized business models.

Product Manager, Employer Success Lead

July 2016-Oct 2017

Remote Year

- Collaborated with the Director of Policy, Admissions and Partnership divisions to streamline growth roadmap and develop internal knowledge base of Legal, Tax and Immigration matters.

Research Consultant

June 2015-July 2016

Independent Contractor

- Traveled globally and conducted research and developed technological solutions to problems facing the energy-water-food nexus or international energy and investment management firms.
- Advised clients on investment implications of various market trends and policy measures.

Credit Research Analyst, Portfolio Management, Asset Allocation

Feb 2014-May 2015

Performa Limited US

- Conducted research on portfolio holdings by assessing ability to meet short and long-term financial commitments.
- Quantified operational and financial impacts of portfolios in diverse market environments.
- Daily management of +\$175M Liquid Assets Fund and Macro Fund analyst.

Business Associate

Jan 2013-Jan 2014

Sequence Financial Specialists, LLC

- Key contributor to the operational and financial restructuring of a utility-scale anaerobic digestion biogas facility in SE region of USA.

EDUCATION

MSc in Sustainability Management | Columbia University, The Earth Institute & School of Professional Studies | 2019
BBA in Management, Marketing & Economics | University of South Carolina, Darla Moore School of Business | 2012

AREAS OF EXPERTISE

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|-------------------------------------|--------------------------------------|-------------------------------|
| • Data Analysis & Visualization | • Product/Program Development | • Energy Policy & Legislation |
| • Agile/SCRUM Methodologies | • Environmental Policy & Legislation | • Stakeholder Engagement |
| • GHG Inventory & Carbon Accounting | • Object-Oriented Programming | • ESG Reporting |

TECHNICAL KNOWLEDGE

Backend: SQL | PostgreSQL | Python | Django | Django Rest Framework | Express.js | Node.js | RESTful API's
Frontend: HTML | CSS | JavaScript | jQuery | React | Vue
Other: Git | GitHub | GCP | AWS | Heroku | Netlify | Bloomberg Terminal | Salesforce | Microsoft Office

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SELECTED PUBLICATIONS & CERTIFICATIONS

- WU (Vienna University of Economics and Business)
 - “Blockchain, Web3 & the SDGs”
- IRENA (International Renewable Energy Agency)
 - “Blockchain Innovative Landscape Brief”
- GIZ (German Corporation for Int'l Cooperation)
 - “Promise & Practice of Distributed Governance”
- Greenhouse Gas Protocol Scope 3 Standard
- Greenhouse Gas Protocol Mitigation Goal Standard
- Chainshot Certified Ethereum Developer
- Crypto Climate Accord
 - “Guidance For Electricity Use And Carbon Emissions From Cryptocurrency”
- Rocky Mountain Institute Climate Intelligence
 - “Principles for Blockchain-Based Emissions Reporting”
- Protocol Labs
 - “Filecoin Storage Providers Green Guidance Documentation”
- Coindesk - Money Reimagined
 - “Tech Solutions to Climate Change Concerns”