

STEPHEN HARVEY

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SUMMARY

An experienced energy professional with almost 6 years leading and working on strategy projects and leveraging technical expertise to support climate solutions

EXPERIENCE

DTE Energy, Detroit, MI

July 2018 - Present

Manager, Business Development and Decarbonization (May 2022 - Present)

- Managed the supply of carbon offsets and renewable natural gas to support company decarbonization activities, specifically for customer voluntary programs
- Completed corporate-level opportunity analysis to develop an outlook on hydrogen opportunities and identify key signposts for timing of market growth
- Conducted techno-economic analysis of various clean energy technologies and identified key factors to make adoption suitable for DTE or our customers
- Further refined emission reduction pathways for DTE Gas enabling climate commitments for reducing scope 1, 2, and 3 carbon emissions
- Developed carbon accounting process for upstream gas emissions (scope 3 category 4) by leveraging a variety of internal and external data sources and refined accounting methodologies to align with industry frameworks
- Track and manage various policy and market activities surrounding natural gas and decarbonization activity

Sr. Associate/Associate, Corporate Strategy (July 2018 - May 2022)

- Conducted numerous internal analysis to support corporate initiatives, identify strategic opportunities, and streamline business activities to support DTE growth
- Created a solar adoption model leveraging economic and demographic data to forecast expected adoption levels and identify associated opportunities and risks
- Led an evaluation of fleet vehicle electrification to identify opportunities for DTE to better support customers and drive further adoption

Fitbit Inc, San Francisco, CA

Feb 2016 - June 2018

Accessories Development Manager

- Developed product requirements documents to align design, marketing, engineering, and manufacturers on product expectations
- Established customer use cases for product styles and worked with the quality team to develop new tests and standards

Google Inc, Mountain View, CA

Sept 2014 - Feb 2016

Mechanical Design Engineer

- Design engineer supporting Chromecast V2, Chromecast Audio, and initial Pixel phones
- Completed development from engineering build to production builds for Nexus 6P phone

Nokia Corp (then Microsoft Corp), San Diego, CA

Oct 2011 - Sept 2014

Sr. Mechanical Design Engineer

- Design engineer supporting Lumia 710 NA variant and Lumia 928

EDUCATION

University of California, Berkeley, Haas School of Business Berkeley, CA

May 2018

Masters of Business Administration

Pennsylvania State University, University Park, PA

May 2010

Bachelor of Science, Mechanical Engineering

ADDITIONAL

Skills: Strategic Analysis, Carbon Accounting, Energy Modeling, Project Management, Product Development