Simone Sower

STEM Graduate

CONTACT DETAILS

J (777) 777-7777

s sowermemail.com

Boston, MA

& Linkedin

& Portfolio

CORE SKILLS

- Advanced Research Methods
- Audit & Report Writing
- Supplier Management
- CAD Modelling
- Low Carbon Modelling
- Project Management
- Development & Planning
- Sittle Audit
- ACU AutoCAD Professional
- SMART Materials.

PROFESSIONAL PROFILE

Specialist STEM graduate with professional experience as an Junior Engineer and a masters degree in Renewable Energy looking to work in research and development of low carbon energy solutions. ACU-Certified AutoCAD Professional with demonstrated success in cost-effective end-to-end product development. Proficiency in data analysis and site audit.

EDUCATION

- Master in Renewable Energy | Boston College | May 2021 Mar 2023 | 4.0 GPA.
 Modules: Low Carbon Models, Ground Source Thermodynamics, Applied Principles,
 Project Management, Low-Impact Excavatory Research, Biomaa and Fuel Cell
 Project: Building a model for proactive energy consumption calculations'
- Certified AutoCAD Professional | ACU | Jan 2022
- Bachelor of Science in Engineering | Crimpson College | Sep 2016 May 2020 |
 3.9 GPA | Skylar Scholarship for Engineering
 Modules: Fluid Mechanics, Heat Transfer, Engineering Thermodynamics, Nuclear
 Systems, Mechanical Design, Smart Materials, Renewable Energy Systems
 Thesis: 'A simplified fluid dynamics model of ultrafiltration for water systems'
- High School Diploma | Lincoln High School | Sep 2012 Jun 2016 | 3.7 GPA | Honour Roll

CAREER SUMMARY

Jun 2020 - May 2021 TFT, Boston, MA Junior Engineer

Outline

Completed the 12 month graduate programme at leading US energy provider, TFT, contributing to multiple projects in the commercial installation team.

Key Responsibilities

- Completed energy audits and produced relevant reports
- Worked with a team of engineers to complete in-depth site audits of commercial and domestic properties, including ground analysis and social impact reports
- Conducted analysis of complex data and presented it at project meetings.
- Researched and identified energy saving opportunities for current projects.
- Built computer models using Python to automate energy saving calculations

Key Achievements

- Saved £3.2k per month for the company by changing the supplier for titanium HPAV.
- Delivered a £2.1 million project 6 weeks early in March 2021 due to effective and accurate pre-project reports and audits.

ADDITIONAL

Software

AutoCAD

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Puja Mehta

Stem Kits Resume Template On Sale:

Inside Triathlon ,2001 The Report: Malaysia 2008 - Oxford Business Group ,2008 **Genetic Engineering** Papers in Philippine Linguistics, 1969 Pacific Linguistics ,1970 Proceedings of the IInd News ,2004 The Journal International Symposium on Cucurbits Shigeo Nishimura, 2002 **Environmental Enhancement**, 1976 Historical Linguistics Brian D. Joseph, 1999 of NIH Research .1991 Agrindex ,1995 Workina Papers in Linguistics ,1997 The Saturday Evening Post, 1939 Investigative Ophthalmology & Visual Science, 2001 **Applied** and Environmental Microbiology, 2007 Proceedings of the National Academy of Sciences of the United States of America National Academy of Sciences (U.S.).,2006 Science John Michels (Journalist), 2004 A weekly record of scientific Cell Physiology Joseph F. Hoffman, James D. Jamieson, American Physiological Society (1887-), 1997 progress

Handbook of Physiology Joseph F. Hoffman, James D. Jamieson, 1997 The aim of this handbook is to survey key areas in modern cellular and molecular physiology The topics covered range from the most fundamental biophysical and biochemical bases of cellular physiology to more concerted cellular biological processes A more elusive goal of this volume is to provide a framework for future research linking these various processes in whole animal systems The chapters begin with descriptions of basic membrane processes including membrane structure as it relates to function the biophysics of membrane transport and cell volume regulatory mechanisms The organization and function of the plasma membrane and intracellular organelles involved in membrane trafficking and the biogenesis of cell polarity are then reviewed in depth Energy generation and transduction subserving cellular function are covered in another series of chapters The structure and function of the cytoskeleton and its relationship to events regulated by interaction with the extracellular matrix are examined in detail Chapters on the integrative aspects of cellular physiology including immunobiology cellular interactions fertilizaton and interactions of cells with the extracellular matrix round out this authoritative survey of contemporary cellular physiology Researchers instructors post doctorate and graduate students will find it a uniquely useful resource Proceedings ,1995

Bibliography of Agriculture with Subject Index ,1995

Stem Kits Resume Template On Sale: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels captivating the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the captivating narratives that have captivated audiences this year. The Must-Read: Colleen Hoovers "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover skillfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Uncover the Best: Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Stem Kits Resume Template On Sale: Delia Owens "Where the Crawdads Sing" This captivating coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, entrancing readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of compelling stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a exceptional and suspenseful novel that will keep you speculating until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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