DAVID SEGAN

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EDUCATION

Master of Environmental Science and Management (Expected June 2021)

Bren School of Environmental Sciences & Management - University of California, Santa Barbara

Specialization: Energy & Climate | Focus: Environmental Data Science

Highlighted Coursework: Advanced Data Analysis, Energy Resource Productivity, & Carbon Accounting

Bachelor of Arts in Economics, Minor in Sustainability, 3.79 GPA (May 2014)

George Washington University (GWU), Washington, DC

Study Abroad: CIEE Economics and Culture Study Abroad Program, Barcelona, Spain (Fall 2012)

PROFESSIONAL EXPERIENCE

Engineering Data Analyst - VEIC (DCSEU contract), Washington, DC (2/17 – 8/19)

- Performed savings analyses using engineering calculations, provided technical advice during in-person building walkthroughs, and offered financial incentives worth ~\$200,000/year for commercial and lowincome energy efficiency projects.
- Built regression models to measure energy savings, consulted with customers and contractors, and coauthored program documents as the lead analyst for a "Pay for Performance" program.
- Deployed energy monitoring equipment and utilized high-frequency electric utility data to advise customers on energy efficiency investment opportunities
- Presented at the 2017 USGBC Green Schools and the 2018 ACEEE Summer Study conferences

Energy Data Assistant - VEIC (DCSEU contract), Washington, DC (7/15 – 2/17)

- Started a service of data analysis and post-project performance reports for key customers
- Assisted the launch of a new financing program by designing internal and external process flows, surveying
 internal staff, and organizing project information into presentable packages for financiers
- Created an <u>interactive benchmarking visualization</u> and used it to conduct demonstrations with ~15 customers as the technical advisor on a team working on a Department of Energy grant

Data Visualization Intern - ISA Internexa, Medellin, Colombia (6/14 – 12/14)

- Designed data visualization dashboards using Tableau and Excel for strategy and finance teams
- Researched the business activity of competitors and presented 2 summaries to management

Energy Efficiency Intern - **WegoWise by AppFolio**, Washington, DC (6/13 – 8/13)

- Managed customer energy data accounts and communicated with clients in the demo stage
- Authored an email marketing campaign and several blogs: WegoWise David Segan

ADDITIONAL EXPERIENCE

Teaching Assistant for Probability and Statistics, UCSB, Santa Barbara, CA (9/19 - 12/19) Volunteer Tour Guide & Scholarship Committee Member, Hostelling International DC (5/16 - 6/19) Student Coordinator, Campus Kitchens DC and GWU, Washington, DC (8/13 - 5/14) Exchange Student Orientation Leader, GWU, Washington, DC (1/13 - 5/13)

SKILLS & CERTIFICATIONS

Computer: Excel, PowerPoint, Word, Visio, Tableau, PowerBI, R

Languages: English (Native), Spanish (Professional Working Proficiency)

Certifications: AEE Energy Manager in Training, LEED GA, BPI Building Science Principles