

Ben Cooper

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EXPERIENCE

Program Manager, StopWaste, Oakland, CA (September 2017 – present)

- BayREN Multifamily Program (aka BAMBE, linked [here](#)) Lead
 - To date, program has installed EE and electrification retrofits at over 5% of Bay Area multifamily units
 - Manage \$8+ million annual budget and team of implementation and regulatory consultants
 - Won and am managing DOE Building Upgrade Prize in collaboration with 3C-REN
 - Managed roll out of redesigned BAMBE incentive structure to better serve populations burdened by air quality, heat, and housing costs
 - Managed pilots in two bay area counties aimed at identifying areas with naturally occurring affordable housing (NOAH) and hosting listening sessions with owners and renters to better understand their needs to inform BAMBE program redesign
- Managed Multifamily Electric Vehicle pilot funded by the Bay Area Air Quality Management District, provides comprehensive EV charging technical assistance to multifamily property owners in AB617-designated areas dealing with air pollution
- Managed \$1mil grant from CA Energy Commission focusing on scaling up deep energy retrofits to existing multifamily buildings across CA – all deliverables [here](#)
 - Produced “Accelerating Electrification of California’s Multifamily Buildings – Policy Considerations and Technical Guidelines”, link to report/slides/presentation [here](#)
 - Produced “Rental Housing Potential Study”, link to report [here](#)

Associate Engineer, San Francisco Dept. of the Environment, SF, CA (January 2014 – August 2017)

- Project management for both the Energy Watch and BayREN programs
 - Directly managed comprehensive BayREN EE projects – completed 17 projects representing 1,571 total units, \$1,178,250 in dispersed incentive, modeled savings of 578,710 kWh and 71,122 therms.
 - Directly managed Energy Watch LED upgrade projects – completed 77 projects representing \$425,240 in dispersed incentive, savings of 1,802,767 kWh and 262 kW.
 - Projects involved engaging stakeholders (building owners, managers, residents, contractors), performing comprehensive on-site assessments, producing comprehensive reports and associated EE project scopes, soliciting bids, permitting, managing install schedule, and end-of project verification
- Collaborated with team of data scientists from DataSF (Mayor’s Office) to improve the energy programs’ service offering by analyzing internal and public databases to generate better project leads.

Green Building Consultant, Base Weight (Founder), Oakland, CA (January 2013 – June 2016)

- Provided comprehensive jurisdictional Green Building Ordinance (GBO) and CALGreen compliance consulting for multiple mixed-use and multifamily projects throughout the Bay Area, including Oakland and Berkeley
- Worked closely with numerous city building department officials and planners to determine the specific application of CALGreen and T24 code in relation to the GBO within their jurisdiction
- GreenPoint Rater (GPR) of record on multiple multifamily projects in the Bay Area
- Modeled and performed financial analyses of PV, solar hot water, and LED lighting systems for large scale multifamily developer

Co-Founder, Head of Sales, Building Hero, San Francisco, CA (May 2011-Jan 2013)

- Co-founded Building Hero, a provider of LED lighting solutions to galleries, retail stores, and offices in SF+NYC
- As sole full-time employee, turned idea into a company that achieved profitability
- Developed and refined product offering, sales and marketing methodology and materials while actively selling, purchasing product, installing, and interfacing with the rebate programs to complete over 50 projects in SF
- Worked with web developer to create customer website and web-based lighting evaluation and CRM tool

Green Building Consultant/Building Performance Analyst, DNV GL, Oakland, CA (Apr 2008-Sept 2010)

- Provided green building consulting and LEED/GPR documentation management involving heavy coordination with a wide range of design and construction consultants and contractors. Over 25 projects, mostly multifamily (affordable, senior, and market rate), some municipal (schools and libraries), and commercial offices
- As a USGBC-trained Reviewer, performed 80+ official LEED reviews on a wide range of industrial, commercial, and residential projects, both domestic and international
- Gave numerous trainings and lectures for industry professionals on the implementation of LEED and GPR
- Performed 100+ onsite comprehensive energy audits of homes and apartments in CA, CT, and NM (Energy systems assessment, envelope assessment, blower door/duct blaster tests, PV performance analysis)

Junior Architect, Christiani Johnson Architects, San Francisco, CA (Nov. 2007-April 2008)

- Rendered, revised, and prepared architectural drawings. Constructed scaled massing models. (Worked as an intern during the summers of 2005 and 2006)

EDUCATION

Pomona College, Claremont CA

BA, Economics with an Environmental Focus 3.3 GPA (May 2007)

- Academic competencies: statistics, financial accounting, regression analysis, resource economics, art history
- Senior Thesis: "Residential Electricity-Use Trends in the US: Is Energy Efficiency Legislation Effective?"
- Varsity Water Polo 4-year starter, 2-year captain, 2x All-Conference, 1x All American
- Semester abroad in Florence, Italy studying architecture, art history, and the Italian language

Post-Graduate Training and Certifications:

- Certified CA Residential Manager (CCRM), CA Apartment Association (2016)
- LEED Reviewer, Green Building Certification Institute (formerly part of the USGBC) (2008)
- GreenPoint Rater, LEED® AP, BPI Multifamily Building Analyst (2008, updated 2013 and 2016)
- CA Solar Initiative Analyst, CARB 32 (Global Warming Solutions Act) Verifier (2009) • The Building Envelope – 10-week intensive course covering the design and construction of the building envelope as it relates to energy efficiency and passive design. UC Berkeley Extension, (2009)
- Clean Tech Entrepreneurship course, Stanford Continuing Studies (Summer 2011)