

OWEN O. BROOKS

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RESUME PROFILE

Mechanical Engineer in pursuit of a career upon graduation within the energy industry, preferably operations or facility management. My favorite classes over the past years have been Energy Dynamics of Green Buildings, Heat Transfer, and Fluid Mechanics. I believe my knowledge of these areas along with my internship experience make me a well-rounded candidate for any type of facility/energy engineering role.

EDUCATION

Manhattan College, Riverdale, NY

Bachelor of Science in Mechanical Engineering, Expected May 2021

Minor in General Business, Completed December 2020

Minor in Mathematics, Completed December 2019

INTERNSHIP EXPERIENCE

SL Green Realty Corporation, New York, NY

Building Engineer/Building Management Intern, 1515 Broadway (June 2017- August 2017)

- Completed walk-throughs on cooling towers, air conditioning, and HVAC systems
- Punched tubes for the annual chiller cleaning
- Oversaw new tenant-requested projects with the Building Manager. Improved communication skills through client interaction

Crossland Mechanical, New York, NY

HVAC, Service Mechanic/Construction Management Intern, (May 2018- August 2018)

- Answered service calls for client air conditioning systems and performed routine maintenance
- Inspected operation of equipment at various construction sites throughout New York City

BOCA Group, New York, NY

Elevator consulting, Project Engineer/Account Management Intern, (December 2018 - August 2019)

- Converted proposals sent out by the company into a tracking spreadsheet for more accurate pricing insight
- Created spreadsheets of various bids to provide customers an accurate estimation of contractor pricing
- Converted bid packages into Excel spreadsheets so clients could review multiple bids simultaneously
- Onsite walk throughs of elevator shafts, machine rooms, cars, and pits in support of elevator modernizations
- Accompanied a licensed inspector during an annual Cat.1 test
- Created elevator maintenance forms for properties around NYC and air traffic control towers for the FAA

ACTIVITIES

Manhattan College Mentor Program, Riverdale, NY

Mentee-Federal Reserve Bank, (Fall 2017-Present)

- Mentored with Senior Vice President
- Met with mentor periodically to job shadow and overlook key mechanical systems at both the New York Federal Reserve Bank and the bank's New Jersey operations center
- Attendance at corporate meetings to discuss future construction projects within my mentor's three-building portfolio
- Learned key aspects of client relationships and vendor management

American Society of Mechanical Engineers, Riverdale, NY

- ASME member (Freshman-Senior year)
- Manhattan College ASME Chapter Vice President (Senior year)
- ASME Mentor; paired with five underclassmen to guide and answer any general questions they may have (Senior year)

Interest in Auto Mechanics

Experience working on cars, (2014-Present)

- Engine removal and installation for a 2008 3.8L Jeep Wrangler
- Countless minor repairs such as oil changes, brakes, power steering reservoir swaps, suspension, customizations, etc.