

Kenny Li

Member - Pi Tau Sigma, Drexel Mechanical Engineering Honor Society

Audubon, NJ - Email me on Indeed: [indeed.com/r/Kenny-Li/aa3187254dc220c9](https://www.indeed.com/r/Kenny-Li/aa3187254dc220c9)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

PROJECT ENGINEER INTERN

FEDERAL RESERVE BANK OF PHILADELPHIA - Philadelphia, PA - February 2016 to Present

- Work closely with senior engineers, and project management team to upgrade existing equipment and systems
- Utilize Microsoft Project to create master schedule and monthly updates on all major projects to positively enhance time management and budget flow
- Review and document existing, scope of work, project proposals, cooling system, boilers, air handling units, as well as other systems in the bank
- Survey building floor by floor to determine project cost to replace all ceiling, diffusers and common area lighting
- Oversee Project progress for VAV and humidifier replacements in restricted, secure areas
- Organize all files within facilities department using new software (Newforma) by effectively creating a new system structure while satisfying project engineers, law informant department, and IT department

Maintenance Engineer Co-op

Solvay Specialty Polymers - Thorofare, NJ - March 2015 to September 2015

- Efficiently improved maintenance of plant's piping system by developing heat tracing circuit schedule allowing for immediate identification of leaks and speed repairs
- Tested a new potential method for processing organic polymer wastewater in collaboration with contractor
- Improved plant's spare strategy to prevent breakdowns by performing reliability analysis of critical equipment
- Collaborated with team of electricians to assess areas of heat trace piping system vulnerability
- Coordinated contractor efforts during execution of \$1,000,000 capital projects
- Optimized plant's mechanical motors reliability by creating a maintenance schedule
- Consolidated plant's pipe specification into one type of engineering specification to facilitate project estimates

EDUCATION

Bachelor of Science in Mechanical Engineering

Drexel University - Philadelphia, PA

June 2016

ADDITIONAL INFORMATION

Skills

Computer: SAP, Microsoft Office (Project, Visio, Power Point, Excel, Word), Creo Parametric 2.0, AutoCAD, MATLAB

Devices: Armfield HT10X Heat Transfer Service Unit, Armfield HT14 Combined Convection and Radiation Accessory, Rankine Cycler (Steam Turbine Power Plant), 1440 Flotek wind tunnel with NACA-2415 airfoil.