

# Robert Williams

**Chief Operations Engineer - Rutgers, The State University of New Jersey**

Ewing, NJ - Email me on Indeed: [indeed.com/r/Robert-Williams/83dbd7d5f09e3ae8](https://www.indeed.com/r/Robert-Williams/83dbd7d5f09e3ae8)

To obtain a challenging full-time position utilizing my engineering expertise, computer programming and troubleshooting skills while providing an opportunity for advancement and professional growth

## WORK EXPERIENCE

### Chief Operations Engineer

Rutgers, The State University of New Jersey - Piscataway, NJ - June 2013 to Present

Chief operating engineer providing leadership to the Busch cogeneration plant which consists of three (5MW) Taurus 60 gas fired turbines.

- Develop and maintain and up-to-date inventory of all equipment, tools, and supplies applicable to the maintenance of the plant.
- Obtain bids and proposals for equipment maintenance contracts, repair work, and capital projects. Review submittals with Property Manager, and other personnel as necessary. Make recommendations for scope of work and contractor selection
- As Chief operating engineer I'm responsible for managing the plant which is a 24/7 operation while providing critical resources to the university facilities.
- As chief operating engineer responsible to ensure maximum up time of all plant equipment through the effective scheduling of preventive maintenance and the timely replacement of aged equipment.

### Energy Management Control Technician

University's HVAC energy management systems - April 2001 to May 2013

Install, maintain, operate, adjust, troubleshoot, and repair instrument and direct digital controls for the University's HVAC energy management systems, including turbines and fuel-fired boilers

- Assist in the design of various PLC Programs
- Adjusts, operates, installs, and repair Carrier, Siemens, and Honeywell electric, pneumatic, and DDC on HVAC related systems both connected to the Energy Management Systems and stand alone systems; including, air handling systems, hot and cold water systems, and steam systems
- Operate turbines and auxiliary high temp hot water boilers

## EDUCATION

### AAS in Electronic Engineering Technology

DeVry College of Technology - North Brunswick, NJ

September 1999 to March 2001

### Bachelor of Science in Business Economics

The State University of New Jersey - New Brunswick, NJ

September 1985 to May 1993

## ADDITIONAL INFORMATION

## TECHNICAL SKILLS

- Experience in operating boiler & auxiliary equipment such as water softeners, condensate systems, and CEMS
- Expert in using computer aided control systems, BASs, and DDCs
- Technical Computing: PLC Programming, LabView Software, Matlab, Microsoft Office Suite, Aspen Plus