

**MICHAEL A. OLSON**  
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## **O B J E C T I V E**

To obtain a Lead Engineer position where I can effectively use my strong interpersonal, communication, leadership and problem solving skills.

## **E N G I N E E R I N G E X P E R I E N C E**

**Fluor Marine Propulsion, LLC (FMP)**  
West Milton, NY

### **Project/Civil Engineer**

**Facilities Design Engineering (FDE)**

**December 2020 – Present**

**Hardware Engineer**

**Naval Training & Simulation (NTS)**

**July 2019 – December 2020**

### **Responsibilities:**

- Provide engineering support and assist with managing the Maneuvering Area Team Trainer (MATT) Phase 1 and Phase 2 contracts with Vendors (LSI, Inc. and PEPCO, respectively) to deliver two simulation panel sets (Integrated MATT & Standalone MATT) on time.
- Support the installation and testing of the SMATT simulation platform to include the following:
  - Develop maintenance manuals, operating instructions, and hazard analyses,
  - Perform the necessary hardware upgrades to applicable panels,
  - Support the development and maintenance of a spare parts list/inventory,
  - Support the resolution of all applicable deficiencies (i.e., Bugs) during & after hardware/software integration testing, and
  - Provide life cycle support as required.
- Develop a Technical Requirements Document (TRD) regarding the Inactive Basic MATT (BMATT) for Naval Reactors (NR) technical approval.
- Perform Lab Director role for Building 20X as needed.
- Active member of the Fleet Support & Naval Training (FSNT) People and Culture Team.
- Mentor and develop junior engineers.
- Perform all work in a safe and environmentally prudent manner.

**Cognizant System Engineer (CSE)**  
**Site Mechanical Engineering**

**September 2016 – July 2019**

### **Responsibilities and Results:**

- CSE for the Site Service Water (SSW) system.
- Demonstrated ownership and accountability for all aspects of the following:
  - Compliance,
  - Technical/Configuration control,
  - System and Infrastructure Maintenance, and
  - Operational performance.

- Provided engineering support to maintain and improve the operability and reliability of the SSW system to include the distribution system, treatment system (sodium hypochlorite), storage tanks (2) and all applicable components.
- Effectively worked with numerous site organizations to perform timely corrective and preventative maintenance to include the following:
  - Emergency Services (SSW system owner/operator),
  - Directorate Management Office (DMO), and
  - Maintenance Operations (MO).
- Provided engineering support in the design of future SSW upgrades and improvements.
- **Managed multiple subcontracts** (e.g., underground repairs, SSW storage tank inspections, etc.).
- Performed Project Engineer role on multiple SSW improvement projects.
- Mentored and developed junior engineers.
- Performed all work in a safe and environmentally prudent manner.

**New York State Dept. of Environmental Conservation – Albany, NY June 2015 – September 2016**  
**Environmental Engineer**

**Responsibilities and Results:**

- Managed aspects of the **Coastal Erosion Hazard Area permit program.**
- Managed and assisted the United States Army Corps of Engineers with ongoing civil works projects in the Long Island, NY area.
- Worked with local municipalities to establish and maintain standards for coastal erosion management programs and the issuance of coastal erosion management permits.
- **Reviewed and assist** with the design of coastal structures used for the repair of coastal erosion in a manner that is protective of public welfare and property.



**Woodard & Curran, Inc. – Andover, MA**  
**Engineer II – Water Treatment & Distribution Service Line**

**January 2010 to August 2011**

**Responsibilities:**

- Perform engineering design, data collection and evaluation, report preparation, cost estimates, resident engineering, subcontractor coordination, construction oversight, and coordinate communication with local, state, and federal regulatory agencies as applicable.
- Evaluate water treatment technologies, prepare water treatability studies, and assist with water treatment system conceptual design.
- Develop and implement operational and water treatment system improvements.

**Results:**

- Project Engineer for **\$7.0 million** (2011 dollars) water system improvements project (**Design/Bid/Build**). Prepared and delivered Contract Documents (Drawings and Specifications) and provided assistance during bidding. Provided assistance with maintaining project budget. Performed Resident Engineering duties, managed shop drawings and RFI submittals and managed communication with local, state and federal regulatory agencies.
- **Obtained Massachusetts Grade 4T Operator in Training License. Regularly worked as Operator in Charge for the Lawrence, MA 16-mgd water treatment plant (WTP).**

- Provided technical assistance for multiple clients pertaining to simultaneous compliance with new and current regulations under the Safe Drinking Water Act (SDWA).
- Assisted in the preparation of two UV disinfection proposals (equipment evaluation, installation and construction oversight).
- Conducted water treatment plant process evaluations and prepared letter reports summarizing findings and recommendations for improvements.
- Presented multiple training classes to water treatment plant operators and supervisors. Mentored/coached and provided technical guidance and training to junior staff.

**AECOM – Wakefield, MA**  
**Engineer II – Water/Wastewater Group**

**March 2008 to December 2009**

**Responsibilities and Results:**

- Performed engineering design, data collection and evaluation, report preparation, calculations, and project cost estimates for numerous clients.
- Evaluated water and wastewater treatment technologies, prepared water & wastewater treatability studies and assisted with water & wastewater treatment system conceptual design reports and water master plans.
- Assisted in preparing a feasibility study regarding Disinfection By-Product (DBP) removal alternatives.

**CH2M HILL, Inc. – Boston, Ma**  
**Staff Engineer – Water Business Group**

**June 2007 to March 2008**

**Responsibilities and Results:**

- Performed engineering design, data collection and evaluation, report preparation, calculations, and project cost estimates for numerous clients.
- Developed and assisted in preparing a DBP formation potential testing protocol for a groundwater source.
- Assisted in preparing a feasibility study regarding UV disinfection for numerous clients.

**E D U C A T I O N**

**Bachelor of Science in Environmental Engineering: Municipal Processes, May 2007**  
 University of New Hampshire (UNH), Durham, NH  
 Magna Cum Laude

**O T H E R W O R K E X P E R I E N C E**

**Price Chopper Supermarkets – Schenectady, NY**  
**Co-Manager – Granville, NY**

**February 2015 – May 2015**  
**May 1989 – June 1999**

**Responsibilities:**

- Oversee store in the absence of store manager.
- Assist store manager in attaining all store performance metrics to include: customer service, safety, shrink, sales, gross profit %, etc.
- Oversee all operational aspects of store to include: human resources, payroll, front-end services, hiring of associates, training & development of associates, etc.

**Dietz & Watson, Inc. – Philadelphia, PA**  
**Sales Account Manager**

**March 2014 – October 2014**

**Responsibilities:**

- Lead all sales, marketing and merchandising efforts for Dietz & Watson products at Price Chopper Supermarkets and Ahold USA.
- Manage a Sales & Marketing Agency and respective personnel.
- Manage deductions, spending, logistics and customer service.

**Ahold USA – Carlisle, PA**  
**Specialist Merchandising & Communication**

**July 2012 – August 2013**

**Responsibilities:**

- Work with Merchandising, Marketing and the Ahold USA Divisions to develop the weekly base-merchandising plan.
- Manage the day-to-day communication associated with the approved display and merchandising plans with all key stakeholders.

**Hannaford Supermarkets – Dover, NH**  
**Evening Store Manager**

**April 2003 – January 2006**

**Responsibilities:**

- Oversee store operations in absence of store manager.
- Oversee all operational aspects of store to include: customer service, front-end services, training & development of associates, human resources, etc.

**Acosta Sales & Marketing – Marlborough, MA**  
**Regional Business Manager**

**June 1999 – March 2003**

**Responsibilities:**

- Build, implement, and execute a volume and spending sales plan consistent with the objectives of the client and customer.
- Provide category, brand, and customer information to Acosta Customer Business Managers on new items, marketing/trade plans, and client's objectives to drive business. Provide leadership and coaching as appropriate.

**P R O F E S S I O N A L   O R G A N I Z A T I O N S**

- American Water Works Association – Member at large



**P R O F E S S I O N A L   C E R T I F I C A T I O N S**

- **Engineer in Training; NH #4753. June 2007**
- Massachusetts Drinking Water Supply Facilities – Grade 4T OIT (Expired)
- OSHA 10-Hour Construction Safety, MA, #001405188



**References Available Upon Request**