

KYLE CLAPPER

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SUMMARY

Senior nuclear engineering student with industrial and leadership experience. Qualifications include a USNRC Reactor Operators license, radiation and laboratory safety training, and experience with computer programming.

EDUCATION

University of Massachusetts, Lowell Anticipated May 2019

- *Bachelor of Science, Chemical Engineering – Nuclear Option*

EXPERIENCE

Reactor Operator, Auxiliary Operator May 2017 - Present

UMASS Lowell Research Reactor

- Responsible for safe reactor operation
- Prepares and handles samples for irradiation
- Adheres to radiation safety guidelines
- Participates in equipment maintenance and surveillance
- Trained in emergency response
- Engages in continual training and education

Chief Engineer December 2016 - Present

91.5 FM WUML, Lowell

- Supervises all station engineers
- Responsible for maintenance of station equipment and critical broadcast systems
- Develops engineer and broadcast training programs
- On-call to troubleshoot broadcast issues
- Builds and maintains remote broadcast kits
- Works cooperatively on a multidisciplinary team

RELATED SKILLS

Technology

- Experience coding in Python, MATLAB, VBA, JavaScript (JSX), Reactjs, HTML, CSS
- Experienced with Microsoft Office Suite
- Exposure to MCNP
- Exposure to basic I&C troubleshooting
- Experienced in audio recording and production

Radiation/Laboratory Safety

- Experience with hazardous chemicals
- Experience with Canberra radiation monitoring systems including CAM 200PGFF system
- Follows ALARA principle
- Understands federal radiation protection standards (10 CFR 20)
- Undergone EHS training and laboratory certification

Boy Scouts – Made Eagle in 2014

References available upon request