

OWEN HUGHES

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EDUCATION

Northeastern University

Mechanical Engineering, BSME

Honors

Relevant Courses: Cornerstone of Engineering, Calculus III

Boston, MA

May 2022

Cab Calloway School of The Arts

High School Diploma

Wilmington, DE

June 2017

EXPERIENCE

YMCA

Lifeguard/ Swim Instructor

Wilmington, DE

May 2017 - August 2017

- Instructed young swimmers
- Supervised families at indoor and outdoor pools
- Provided first aid to guests
- Practiced emergency scenarios

Ashland Nature Center

Camp Counselor

Wilmington, DE

June 2014 - August 2014

- Guided nature activities with children ages 5-12
- Taught wilderness survival skills
- Planned educational activities

SKILLS

Programming - Java, C++, C#, Python

Design - AutoCAD, Solidworks, MATLAB, Unity

EXTRACURRICULARS

- **Wireless Club** - Worked with project team on RFID reader to take attendance *2017 - Present*
- **Baja SAE** - Assembled parts for offroad vehicle using CNC mills and lathes *2017 - Present*
- **AIAA** - Constructed rocket using laser cutters *2017 - Present*
- **Science Olympiad** - Built robot arm with Arduino, won awards at state level *2015 - 2017*
- **National Honor Society** - President, led volunteer work in community *2015 - 2017*
- **Boy Scouts of America** - Senior Patrol Leader, **Eagle Scout** *2010 - 2017*

AWARDS

- **Governor's Volunteer Silver Award** *2014*
100 hours of service
- **1st chair All State Band for Clarinet** *2014*

