**David Thomas Lloyd Howes**

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**EDUCATION**

**University of Michigan** – College of Engineering Ann Arbor, MI

B.S.E. in Aerospace Engineering May 2016

Minor in Computer Science Engineering

GPA: 3.28/4.00

Relevant Courses: Engineering 100

- Designed, built, and tested the control box to operate a ROV with the ability to have controlled movement in all 3 planes of freedom

- Collaborated with fellow engineers to create an underwater remotely operated vehicle to operate in arctic conditions

**WORK EXPERIENCE**

**Chemistry & Physics Tutoring** Somerset County, NJ

*Private Tutor* Summer 2013

- Instructed high school students in chemistry and physics in a 1 on 1 setting

- Facilitated students in AP and final exam preperation

**Metropolitan Seafood Catering** Lebanon, NJ

*Bartender & Server* Summer 2013

- Took, completed, and served drink orders at large parties with 100+ people such as weddings

- Acquired skills such as effective collaboration and communication with co-workers and customers

**Cape Cod Sea Camps** Brewster, MA

*Assistant counselor* Summers 2008-2011

- Supervised and lived with 15 children and young adults at a time, over a 7 week period

- Instructed campers in swimming lessons based on the Red Cross system which includes swimming safety as well as 5 different swimming strokes

- Taught carpentry safety and techniques including use of many power and hand tools

**ACTIVITIES**

**University of Michigan Fencing Club** Ann Arbor, MI

*Captain* 2012-Present

- Coach tactics and strategies to teammates to improve their fencing abilities

- Compete against other club and varsity teams on a monthly basis

- Achievements include: 2013 club national championship squad, 2012 ranked #1 nationally by United States Fencing Association in division, competed in junior olympics and national championships

**Universtiy of Michigan Equestrian Club** Ann Arbor, MI

*Officer – Point Secretary* 2012-Present

- Organize and compete at several competitions across the Midwest against other club teams

- Record show statistics during competition and communicate with the Intercollegiate Horse Show Association

**SKILLS**

Microsoft Word, Powerpoint, Excel, Matlab, LaTeX, C++, Maple 17, CPR, First Aid, Pentathlon, Certified Bartender