**Henry David Holben**

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Website: <https://hholben.github.io/>

**Education**

Providence Academy class of 2016

Bachelor of Science in Electrical Engineering

Milligan University, Johnson City, TN

**Experience**

**Milligan University Robotics Team 2020 - 2022**

Joined the fledgling robotics team shortly after its creation. Oversaw the design of the electronics system of a remote operated vehicle (ROV). Learned how to control the ROVs thrusters using PWM. Wrote some test code in Python and started the team’s official website, <http://milliganrobotics.epizy.com/>.

Currently serve as CEO of the robotics team. Work with students, faculty, and alumni on robotics projects.

**Milligan College Call Center 2019 – 2020**

Worked in Milligan College’s call center as a telemarketer. Called previous donors and prospective students to endorse Milligan.

**Go Baby Go Appalachia Milligan College, June and October 2017**

Worked with other engineering students, members of the community, and engineering professors to modify ridable toy cars to be driven by children with disabilities that would have otherwise made driving those cars impossible.

**Lifeguarding:** **Camp A.C.C 2014, Martindale Pool 2015 - 2020**

Former Red Cross Certified Lifeguard: Was trained in first aid, CPR and AED.

Developed ability to enforce rules and policy as a lifeguard. Assisted with weekends at Camp ACC in the Summer of 2014. Worked at Martindale pool in the summers of 2015 – 2020. Trained additional lifeguards to work at Martindale.

**Swim Instructor**

**Martindale Pool**

**2018 - 2022**

Was trained and certified in the Red Cross Water Safety Instructor course.

Taught basic swimming skills at Martindale Pool.

**First Christian Church V.B.S / Kids Day Camp**

**Volunteer**

**Johnson City, TN**

**2012 – 2022**

**Interests**

**Creative Writing**

Self-published a collection of poetry and stories called *Time’s Madness Part One: Morning* through Kindle Direct Publishing.

2021

Creative Communications Poetic Power Winner

2015

**Cello**

Played as a cellist in First Christian Church’s orchestra.

2012 - 2020

**Providence Academy Chess Club**

**Founding member/President**

**2014 - 2016**

Helped re-create a secondary chess club for Providence Academy

Competed in regional tournaments

Helped organize and competed in a living chess match.