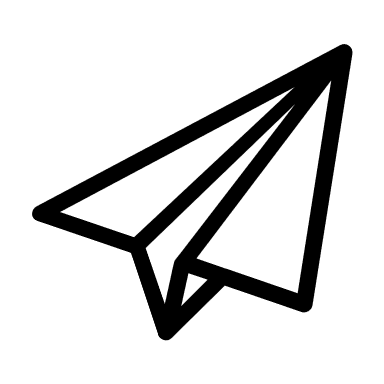
Ryan Werness

LinkedIn logo
 [LinkedIn](https://www.linkedin.com/in/ryan-werness-7438b618b/) |  [Phone Number](tel:701-729-3703) |  [Email](mailto:ryan.werness@gmail.com) | Github logo [GitHub](https://github.com/lowercasecap?tab=projects) | A close up of a logo

Description automatically generated[Website](https://pirateship.ryan-werness.com/)  Skills \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* **Programming Languages:** Python (Proficient), Java (Intermediate), JavaScript (Intermediate)
* **Web Development**: HTML & CSS (Proficient), ThreeJS (Proficient), React (Intermediate)
* **Tools:** Blender (Proficient), Git (Intermediate)
* **Other:** Object Oriented Programming (Intermediate), Agile (Intermediate), PHP (Novice)

Summary \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Software Engineer with a strong foundation in Java, Python, and ThreeJS. Experienced in developing innovative 3D websites. Recently graduated with a degree in Software Engineering and continuously enhancing skills through personal projects and competitive programming. I am currently developing a 3D periodic table which will display the 3D elements and their structures.

Education \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Bachelor of Science*** **North Dakota State University** Fargo, ND 08/2023 – 05/2025

* Software Engineering

***Associate in Applied Science***  [**NDSCS**](https://www.ndscs.edu/) Fargo, ND 08/2021 – 05/2024

* Software Engineering

Projects & Research\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 3D Website | Developed an interactive website to demonstrate 3D modeling and web development skills. Technology used: HTML & CSS | ThreeJS | Blender | React.
* Security System | Using a $40 Raspberry Pi and a $18 camera I created a security system to detect motion, capture images, and send email alerts. Technology used: TensorFlow | Python |Keras | OpenCV.
* Cystic Fibrosis Research | Conducted, produced, and tested a 99% + pure, inorganic compound which was later used in Cystic Fibrosis clinical Trials at Mayo Clinic.
* Bacteriophage Research| Collected and analyzed data regarding different species of bacteriophages used in skin care research. This data was then used to find 6+ other species that can be employed for other potential skin care research.

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Phi Theta Kappa | International Honor Society – Maintained a 4.0 GPA for Associates and 3.76 GPA throughout college Career. My Overall GPA is 15.8% above average at North Dakota State University for undergraduate STEM students.

Work Experience \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Seasonal Employment*** Fargo, ND 12/2022 – Current

* I’ve been working in seasonal positions so that I can dedicate as much time as possible to become a fulltime software developer. Working part-time has sped up my goal by 1.5 years to date.

***Paramedic* Casselton Ambulance** Casselton, ND 04/2020 – Current

* Administer drugs, provide medical treatment and transport for injured Patients when needed.
* Public education and fire safety education with children, adults, and schools.
* Give medical reports to the emergency room.

(Further work experience and references are available upon request)