

# Riley Rice

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## Projects:

### Network Chat — Software Development

May 2020-Jun 2020

- Worked as a programmer on a self initiated project writing a network chat with a GUI interface.
- This project taught me alot about code portability and efficiency, GUI design and frameworks, and propelled my understanding of networking on all layers, but especially on the application layer.
- It can be found [here](#).

### Hunt the Wumpus — Software Development

November, 2022

- Hunt the Wumpus is a CLI cave game which was an assignment in my CS 162 class.
- Built this project to get a better understanding of polymorphism with classes in C++.
- Used abstract classes with virtual functions to reduce writing the same code over and over.
- It can be found [here](#).

### To-Do Web Application Using MERN Stack — Software Development

August, 2022

- This is a To-Do web application using the MERN stack (MongoDB, Express, React, NodeJS).
  - Used MongoDB as a database and created model JSON schemas in order to handle the data.
  - Used Express and React for routing and as an interface between the front-end and back-end.
  - It can be found [here](#).
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## Professional Experience:

### Tech Department - Target, Hillsboro — Tech Consultant

Sept 2019-Dec 2019

- Provided exceptional customer service as a representative of the tech department.
  - Maintained knowledge about products on a technical level and explained it in a non-technical way.
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## Education:

### Oregon State University, Corvallis, OR — Bachelors of Science in Applied Computer Science, BASc

Sept 2021 - June 2025, GPA: 3.7

- First generation college attendee, on deans list.
  - Relevant Coursework: OOP, Data Structures, Program Design, Version Control, Discrete Mathematics.
  - Involved in the Oregon State cybersecurity club and focusing in cybersecurity as my area of study.
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## Skills:

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|-------------------|------------------------|-----------------|
| • Teamwork        | • Customer Interaction | • Communication |
| • Problem Solving | • Adaptability         | • Leadership    |
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## Other:

**Tools:** Shell, Sublime Text, Git, Vim, OOP, Vscode, Visual Studio, GNU compiler, Valgrind, GDB

**Platforms:** Linux - Ubuntu, Manjaro, Arch, Debian; **Other** - OSX, Windows

**Languages + Experience:** Java - Intermediate, Python - Intermediate, C++ - Intermediate

**LinkedIn:** <https://www.linkedin.com/in/riley-rice32/>

**Portfolio:** <https://riley-rice.com/>

**Github:** <https://github.com/riceriley59>

**Awards: Design Award - FTC Robotics:** Given special recognition for the intuitive and creative design of our robot. We went to state and later led worlds, the national competition. I was a lead programmer.