

Education

- Dec 13 2019 ● **Bachelor of Computer Science | Idaho State University**
- Graduated *cum laude* with a minor in *Mathematics*
 - Related coursework: Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Compilers, Computer Organization and Assembly, Operating Systems, System Analysis and Design, and Computational Theory
- May 2015 ● **High School Diploma | Highland High School**

Experience

- Since Jan 2019 ○ **Research Assistant | Idaho State University**
- I am working as a research assistant to Dr. Paul Bodily.
- Fall 2019 ● **Teaching Assistant | Idaho State University**
- I was a teaching assistant to Dr. Paul Bodily for two courses: Introduction to Computational Theory and Machine Learning.
- Aug 2019 - Oct 2019 ● **IT Student Supervisor | Idaho State University**
- I was responsible for supervising and training IT Support Technicians at ISU.
- Sept 2016 - Aug 2019 ● **IT Support Technician | Idaho State University**
- I retained knowledge of numerous ISU systems and processes as well as in-depth knowledge of Windows and MacOS in order to support users across the entire campus.

Publications

- Glines, P., Biggs, & B. Bodily, P. M. (in press). A Leap of Creativity: From Systems that Generalize to Systems that Filter. *Proceedings of the 11th International Conference on Computational Creativity*
- Glines, P., Biggs, & B. Bodily, P. M. (in press). Probabilistic Generation of Sequences Under Constraints. *Proceedings of the 1st Intermountain Engineering, Technology, and Computing Conference*
- Bodily, P. M., Glines, P., & Biggs, B. (2019). "She Offered No Argument": Constrained Probabilistic Modeling for Mnemonic Device Generation. *Proceedings of the 10th International Conference on Computational Creativity*, 81-88.

Skills

Leadership

- In the process of earning the rank of *Eagle Scout*, I led a team up the Jackson Trailhead in Pocatello to improve the drainage on a quarter mile length of trail. The project was approved and documented by the US Forest Service.

Communication

- By working as an IT Student Supervisor, I've become comfortable speaking and interacting with customers and users over the phone and in person. I've also become comfortable working as a team to solve desktop related problems.

Fields of Interest

- Computer Science, Machine Learning, Horticulture, Mountain Biking, Snowboarding, Backpacking

Personal Information

- 208-380-2898
- porterglines@gmail.com
- 1608 S. Von Elm St. Pocatello, ID. 83201
- <https://github.com/po-gl>

Languages

C++	2,250 lines
Rust	8,000 lines
Swift	3,500 lines
Python	2,300 lines
Java	7,500 lines
JavaScript	400 lines

Familiar With

- Test-driven Development
- Agile Development Cycle
- Scrum
- Vim
- UNIX command-line
- Office Products
- Windows Operating system and deployment tools
- MacOS
- Microsoft PowerShell
- BASH Scripting