Elizabeth "Lizz" Premer

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Career Summary

I am a goal-oriented, whole-brained process-improver. Charismatic and self-aware, I have a passion for efficiency, creativity, and problem solving. I seek opportunities where I can put these skills to use for the better of the company and my personal development as a Software Engineer.

Education

Bachelor of Science in Computer Science | Oregon State University
GPA: 3.4

Skills Summary

- Languages: C, C++, HTML, CSS, Node.js, MySQL;
- Platforms: Unix, MacOS, iOS, Windows;
- Business Background: Adaptability, Communication, Management;
- Aptitudes: Foresight (bigger-picture thinking), Ideaphoria (flow of ideas).

Projects

- **Wrestler Categorization Algorithm**   https://github.com/epremer/CS325
  - Uses I/O to determine good wrestlers vs. bad wrestlers, in C++.
- **Web Design**   www.elizabethpremer.com
  - I wrote and maintain my own professional portfolio website to showcase current and past projects.
- **Web Application: Farm2U**   http://elizabethpremer.com/projects/cs361_group25.html
  - Website for a farm that wants to log in to update inventory.
- **Command-Line Video Game**   https://github.com/epremer/Text-Based-Game
  - Text-based adventure game to run on command line, in C.
- **The Recycle Assistant**   http://elizabethpremer.com/projects/therecycleassistant.html
  - An Internet of Things device that scans, categorizes, and properly recycles.
- **Matrix Manipulation in Bash**   https://github.com/epremer/CS344
  - Bash script to manipulate matrices up to size 50x50.
- **Operating Systems Projects in C**
  - "FTP with encryption" demonstrates use of socket, TCP, multithreading, and file/string manipulation.
- **Research in Computational Concepts**
  - Answering the question: "Does it benefit C.S. students to learn C.S. concepts prior to Programming Practices?"

Work Experience

Teaching Assistant | Oregon State University | September 2018 - *present*
Communication, Accountability, Empathy, Patience, Approachability

Activities:

OSU Clubs: Linux Users Group, Robotics, SWEsters
Organizations: Society of Women Engineers: Officer of Student Engagement
Awards: Randy V. Puckett Memorial Scholarship (2017 & 2018)