Kira Peters

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Education

Bachelor of Science, Software Engineering – Mathematics Minor	Jul 2021
Brigham Young University – Idaho	Rexburg, ID

- GPA – 3.93

Tools

- HTML/CSS/JavaScript/php: interactive webpages with responsive design and form validation
- C++: algorithms, pointers, arrays, strings, loops, vector, queue, list, binary search tree
- Python: numerical analysis of mathematical functions; manipulate video and images
- Familiar with X-Code, Visual Studio Code, Linux, GitHub

Experiential Learning Projects

Team Lead | Software Engineering Course	Jan 2020 – Apr 2020
Brigham Young University – Idaho	Rexburg, ID

- Wrote and revised software requirements and diagrams for a social app geared toward helping small business owners reach a specific audience
- Organized work assigned to a 7-person group team by assessing the amount needed to be done and assigning manageable tasks to each team member
- Responsible for team performance, team meetings, and encouraging team members to contribute and work on the project together

Face Swap | Self Project	Jan 2020 – Apr 2020

- Researched relevant algorithms and modules that contributed to the project in Python
- Successfully reviewed and implemented publicly available code
- Wrote about 300 lines of code that detect faces and display resulting images and video
- Recorded a demonstration video: https://www.youtube.com/watch?v=2OCZQxxykJk

Work Experience

Computer Science TA | BYU-I	Jan 2020 – Jul 2020
Department of Computer Science	Rexburg, ID

- Trusted to evaluate approximately 50 student projects and provide helpful feedback per week
- Reported to the professor every week about the week's assignment and student progress
- Enhanced student's knowledge by responding to questions in the help lab

Math Tutor | BYU-I	Apr 2019 – Apr 2020
Math Tutoring Center	Rexburg, ID

- Mentored 5 students in one on one sessions and 25 students in the drop-in lab for about 10 hours per week
- Developed strategies to solve problems in small and simple steps that are easy to understand
- Alleviated student's stress by optimistically guiding them to discover solutions through different resources