Skyler Reimer

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Objective

Seeking an internship for the summer of 2017. Looking to supplement coursework with real world experience. Open to relocation. Available May 2017

Education

The Ohio State University, Columbus, OH
B.S. Computer Science and Engineering - May 2019
Minor Astronomy and Astrophysics
Minor Mathematics
GPA in major: 3.825

Experience

Student Research Assistant Dept. of Bioinformatics at OSU. August 2016-present
- Reduced image processing time by 10-15% by implementing Matlab code in C++
- Used Visual Studio IDE to write efficient code to process 14 gigabyte clinical images quickly
- Worked with several people in a team to evaluate and process large amounts of data
- Improved overall code quality with formatting and comments

Head Teaching Assistant for Astronomy 1101. January 2016-May 2016
- Grading and Teaching a two hour lab section of forty students
- Augmenting learning and understanding from the class's lecture section
- Gained the ability to communicate difficult concepts to people not in the same field
- Class had average of 82%+ for each test; highest of the six sections

Projects

Online Portfolio and homepage: skylerreimer.com
- Taught myself CSS and JavaScript to make a website during a two week break before classes resumed
- Learned the intricacies of hosting a website
- Gained proficiency in using GitHub, repository management and knowledge of version control
- Supplemented my resume with more detailed information.

Skills

Coursework: Software development using components. Discrete Structures and Algorithms. Differential, Integral and Vector Calculus. Fundamentals of Engineering and Technical Communication for engineers. Calculus based Statistics.

Proficient Language Experience: C++, Java, HTML, and CSS

Introductory Language: Experience: Git and JavaScript

Software:. Jekyll Static Website generator. Atom and Vim text editors. MATLAB and Mathematica computational software.

Operating Systems: Variants of Windows, OSX, and Unix. Android, IOS and windows mobile.

Design: I have helped design user interfaces with my research group, designed my website and participated in Android developer previews