RANDY CORNELL

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Summary

Determined recent graduate with degrees in both Computer Science and Electrical Engineering with strong research, coding, debugging, analog and digital circuit skills. Areas of interest include parallel computing, open source development, teaching and helping others understand computer science.

Experience

01/2017 - 05/2018
Texas State University
San Marcos, TX

Undergraduate Research Assistant
Cultivated parallel programming and research skills from Dr. Martin's effective mentoring and being entrusted with tasks that required independent study. Main area of research involved minimum spanning trees. Received performance improvement of serial run-times up to five times faster when compared to fastest known serial version, and parallel run-times up to three times faster when compared to our serial version.

09/2016 - 12/2016
Texas State University
San Marcos, TX

Teacher Assistant
Provided students with knowledge to develop computer architecture fundamentals and other various topics. Graded over sixty students eight homeworks and one coding project through out the semester, while creating grading paperwork used in future iterations of the class.

Education and Training

2018
San Marcos, TX

Bachelor of Science in Computer Engineering and Computer Science
Texas State University
Minor in Discrete Mathematics
3.3 CS Major GPA
Dean's List Honoree (Fall 2013, Spring 2014, Spring 2017)

Computer Languages

- C (C++) [4 Years]
- Java [9 Years]
- Python [1 Year]
- SQL (MySQL, Oracle) [1 Year]
- CUDA, OpenMP, MPI, Pthreads [2 Years]
- HTML & CSS [2 Years]
- Bash [3 Years]
- And knowledge of many others

Skills

- Software Engineering Methodologies (Waterfall, Agile)
- Basic Web Development
- Basic Android & IOS Development
- Git Development
- Make & CMake Basics
- Databases Basics
- Familiarity with Multiple OS (Windows, Linux, Mac)
- Research