Corey Redmon

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Education

Master of Science, Computer Science   December 2018
    Clemson University
    GPA: 3.66

Bachelor of Science, Computer Science   May 2017
    Clemson University
    GPA: 3.57

Academic and Personal Development Projects   (see github.com/redmoncoreyl/resume)

Google Page Rank Algorithm — Implements Google's algorithm for web search using random walks and a subnetwork of the internet in order to rank pages matching a given search.

New Graph Colorings — Studies two alternative algorithms for finding minimal colorings for new colorings introduced in the project. Uses LEMON graph library for C++.

Turing Machine — Uses formal definition of Turing machine to interpret input files which specify a Turing machine and compute output. Also includes example Turing machine files.

C-lite Interpreter — Develops a new programming language, C-lite, which is a simplified version of C. Also includes an interpreter for this language and example C-lite programs.

Relevant Work Experience

Clemson University School of Computing   August 2017 – December 2018
    Teaching Assistant — Taught computer science labs for Algorithms and Data Structures. Graded computer science projects, papers, and exams. Held office hours to answer students' questions about the course.

Skills and Abilities

Experience with C, C++, Java, Python, HTML, CSS, MySQL, PHP, JavaScript.

Ability to work independently and in large teams.

Extensive experience in develping fast algorithms.