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# Corey Redmon

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## Education

Master of Science, Computer Science  
Clemson University  
GPA: 3.66

December 2018

Bachelor of Science, Computer Science  
Clemson University  
GPA: 3.57

May 2017

## Academic and Personal Development Projects (see [github.com/redmoncoreyl/resume](https://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

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

Ability to work independently and in large teams.

Great at problem solving and finding solutions.