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# Corey Redmon

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## Work Experience

Software Developer – SCI Fusion360 January 2019 – Present

- Aided with product support for IBM’s Financial Transaction Manager.
- Provided support by finding solutions to defects in IBM’s Financial Transaction Manager.
- Developed unit tests for BB&T’s Zelle Client Care Tool.
- Developed new features for BB&T’s Zelle Client Care Tool.

Teaching Assistant – Clemson University School of Computing August 2017 – December 2018

- 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.

## Academic and Personal Software Projects (see <http://github.com/redmoncoreyl/resume>)

*Google Page Rank* — Implements Google’s Page Rank 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 undirected graph 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.

## Skills and Abilities

- Programming languages: JavaScript, HTML, CSS, SQL, Java, PHP, C, C++, Python.
- Knowledgeable with source version control systems, defect tracking, and documentation.
- Experience with Agile methodology.
- Strong communication skills and ability to work in teams.
- Committed to continuous learning and professional development.

## Education

Master of Science, Computer Science December 2018

Clemson University

GPA: 3.40

Bachelor of Science, Computer Science May 2017

Clemson University

GPA: 3.57