Candidate for [Position]

Rusty Dotson

Grundy, VA | [LinkedIn](#) | [GitHub](#) | [Website](#)

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Skills Summary

Programming Languages: Python, C++, C, HTML, CSS, JS

Other Skills: SCRUM, Git/Source Control, Pair-Programming, Data Structures, Linux (Fedora, Ubuntu), Elementary in Japanese language

Projects

Visualized a hybrid between the sand pile and forest fire models of self-organized criticality using **python graphics**. (https://github.com/RustyDotson/SPFFH)

Created a vintage video game price checker using **python** and **beautifulsoup4** (https://github.com/RustyDotson/gpc)

Built a personal portfolio using **HTML**, **CSS**, and some **JavaScript** (https://rustydotson.github.io/)

Experience

June 2019 – Aug 2019	**Runestone Interactive** **Online**

Open Source Developer

- 320+ hours of experience in editing and creating new content for open-source interactive data structures textbooks used by thousands of students and over 200 Universities.
- Designed and implemented data structure coding examples and interactive questions in textbooks to help students better understand concepts in the subject.

Aug 2017 – May 2020	**Berea College** **Berea, KY**

Computer Science Teaching Assistant

- Manage classes and assess students through classwork in data structures, software design and implementation, and more.
- 900+ hours of experience analyzing and critiquing code created by others

Education

Aug. 2016 – May 2020	**Berea College** **Berea, KY**

B.A., Computer and Information Sciences, 3.686 Cumulative GPA

Relevant Coursework: Software Design and Implementation - Data Structures – Open-Source Software Engineering - Augmented Reality - Computational Intelligence - Discrete Mathematics - Computational Complexity - Electricity and Electronics - Embedded Systems