

DEREK SMITH

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github.com/ddsmith1

EDUCATION

West Virginia University GPA: 3.723

2013 – 2017, Morgantown, WV

Bachelor of Science in Computer Science, *magna cum laude*

Minor in Mathematics

Honors College: Dean's Scholar

President's List, Dean's List (Fall 2014, Fall 2015, Fall 2016, Spring 2017)

WV Promise Scholarship, Engineering Excellence Award

EXPERIENCE

Freelance Web Developer at Holli Smith Law Firm

November 2017 – Present, Wheeling, WV

- Designed and developed a website homepage and contact page with a contact form using bootstrap and various Javascript libraries to enhance user experience

Edu. Psych. Teaching Assistant at West Virginia University

August – December 2015, Morgantown, WV

- Conducted group sessions for students and answered questions regarding course materials

- Helped modify the syllabus for future classes to improve student comprehension of core learning goals

PROJECTS

Wake-Up App: Senior Project (Java)

Developed a proof of concept application for Android phones using Android Studio to help users rid themselves of weariness and drowsiness in the morning by completing brain exercises, mainly simple games

Mars' Station Interactive Tour (HTML, CSS, JS)

Designed a user-guided tour through a Mars' station inspired by *The Martian* using three.js and the open-source 3D modeling software Blender

Asteroids: A New Chapter (HTML, CSS, JS)

Recreated the classic arcade game *Asteroids* with a bit of a modern twist using phaser.js to generate gameplay and node.js to allow cooperative gameplay between two players

Simple Operating System (C)

Coordinated with a four-person group over sixteen weeks to build a simple operating system instituting a command line, memory allocation, file allocation table, and other features

Simulated Database (Java)

Built a database over fifteen weeks that allowed the user to input a variety of data and manipulate that data with SQL-like commands

SKILLS

Languages: (proficient) Java, C, C++, Javascript
(prior experience) Python, PHP, SQL

Frameworks/Libraries: three.js, phaser.js, node.js, angular.js, jQuery, pygame, Scrapy, nltk, junit

Tools: Android Studio, Visual Studio, Eclipse, Git, MySQL

Other: extremely willing to learn new things

ACTIVITIES/INTERESTS

WVU ACHA D3 Hockey Team
(2014-2016)

Interests: playing ice hockey, watching movies, reading fiction