

Kahli Holmes

kahlih.github.io

GitHub: kahlih

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(737) 222-8867

Education

Bachelor of Science in Computer Science

The University of Texas at Austin, CS GPA: 3.41/4.00

Expected May 2016

Courses

Current: Object Oriented Programming, Information Retrieval and Web Search, Competitive Programming

Past: Software Engineering, Programming Languages, Introduction to Computer Security, Data Management, Operating Systems, Computer Architecture, Algorithms and Data Structures, Introduction to Programming

Projects

Crossfit.Social – Full Stack Group Project

- Django web application built on Rackspace Servers
- Performed web scraping using BeautifulSoup
- Managed MySQL database: importing, validating, and maintaining data
- Led unit tests across entire stack
- Used the Twitter and Instagram REST API for Social Media Integration and Data Collection
- **Demo:** <http://crossfit.social/>

Applied Research Laboratories Notification Lists Application – Class Project

- Oracle APEX application designed to organize notification list members
- Formulated SQL queries for dynamic actions
- Supported User Interface (UI) development
- **GitHub:** https://github.com/HawesDomingue/notice_list

Memory Allocator – Class Project

- Reversed engineered the standard C++ Allocator and implemented a custom user-defined allocator that allocated memory on the stack instead of the heap
- **GitHub:** Private repo available upon request

Experience

University of Texas at Austin, Center for Agile Technology

Summer 2015 - Present

Student Developer

- Building the Java-based testing framework to interface with the front-end platform
- Implementing QA and Regression tests using JBehave, Selenium, and Serenity

University of Texas at Austin, College of Education

Spring 2015 – Fall 2015

IT Help Desk Associate

- Diagnosed computers for possible hardware or software related issues
- Performed data back-ups and operating system installations

Skills

- Program proficiency in Java, C/C++, SQL, Python
- Software Testing in C++ (Google Testing Framework), Python (unittest Framework), and JBehave/Selenium
- Familiarity in Haskell, x86 Assembly, HTML, JavaScript, Angular JS
- Deep knowledge and understanding of computer hardware functionality