

# Kahli Holmes

kahlih.github.io

GitHub: kahlih

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## Education

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### Bachelor of Science in Computer Science

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

Expected May 2016

## Courses

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**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

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### GitIssues – Personal Project

- Command-line tool built using Python's Click library to help manage Issues from the Terminal
- Used the GitHub API to perform GET, POST, and PATCH requests
- Tool aided in subsequent projects and assignments
- **GitHub:** <https://github.com/kahlih/GitIssues>

### 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](https://github.com/HawesDomingue/notice_list)

## Experience

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### 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

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- 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