

Keishi Mii

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Education

B.S. in Computer Science, GPA: 3.693

The University of Texas at Dallas (UTD)

Graduation: December 2017

Computer Skills

Languages: Python, C/C++, Java, SQL, MIPS Assembly

Frameworks: Flask, AngularJS

IDE: Visual Studio, Eclipse, NetBeans, MARS, Vi/Vim, Android Studio

Miscellaneous: Git, Agile Development, UNIX

Work Experience

Cisco Systems • San Jose, CA

May 2017 – August 2017

Software Engineer Intern

- Developed Python and Bash shell scripts to automate testing of Address Space Layout Randomization (ASLR) and Executable Space Protection (X-Space) compliance for executables on an internetworking operating system
- Created a web application with a dashboard to analyze and display the results of the automated ASLR and X-Space testing

BDC Software • Dallas, TX

June 2016 – April 2017

Junior Software Developer

- Constructed front end management pages for a web application using AngularJS and Kendo UI framework
- Researched frontend patterns (list views/grids) to be implemented which increased development productivity

BDC Software • Dallas, TX

February 2016 – June 2016

Software Developer Intern

- Developed solutions for bugs on a legacy CRM system in C#
- Modified SQL stored procedures

Academic Projects

Finger Painting: Mobile Application Development (Java)

Developed a finger painting application for Android OS using the Android Studio IDE. The user interface was designed with XML and dynamically created view objects. The mobile application allowed users to choose different brush stroke widths and colors to create their masterpiece.

Random Maze Generator: Data Structures and Algorithmic Analysis (Java)

Programmed a randomized depth-first search algorithm using disjoint sets to print out a maze of any given size. Developed in Java within the NetBeans IDE.

Blue Moon Project: Computer Architecture (MIPS)

Produced an algorithm to calculate all full moons, monthly/seasonal blue moons for a requested year in reference to a predefined reference year. Wrote in the MIPS instruction set architecture in the MARS virtual simulator.

Extra-Curricular

Pi Kappa Phi Fraternity: Secretary & Scholarship Chair

- Designed and constructed a WordPress site for marketing and informative purposes
- Managed and organized major specific study groups which assisted boosting the chapter GPA from 2.902 to 3.223 over the course of one semester

UTD Student Government: Senior Senator – Technology Committee

- Gathering requirements for a new communication page on the student government website

Division III Cross Country

- 2015 UTD Sportsmanship Award