Adam Dalyn

aadamyl@gmail.com   1982 Tiger Lane Memphis, TN 38152   901-678-2222
website: www.adalyn.com

EDUCATION

Bachelor of Science in Computer Science (Honors)
University of Memphis, Memphis, TN
Expected Graduation Date: December 2017
Cumulative GPA: 3.94

SKILLS

Languages: C++, C, Java, Python, JavaScript and Octave
Internet Technologies: Java Servlets, JSPs, HTML, CSS
Operating Systems: Linux, Windows (7, 8)
Databases: MySQL
Graphics: OpenGL

EXPERIENCE

Undergraduate Research Assistant, May 2015 - Present
Netlab Networking Research Lab, University of Memphis, Memphis, TN
- Work on the Named Data Networking (NDN) project
- Optimize scripts to run faster (2 minutes to <10 seconds), in Perl
- Maintain status scripts that parse log files and display information regarding link states and announced prefixes dynamically

REPORTS

OSPFN: An OSPF Based Routing Protocol for Named Data Networking
Lan Wang, Cheng Yi, Adam Dalyan, Behuan Zhan. July 2015

PROJECTS

Network Visualizer, Spring 2017
- Developed a network visualization program that visualizes the internet using BGP update messages from a live stream in C++
- Powered by OpenGL technology to allow scalability for visualization clusters, primarily for research purposes

Assembler, Fall, 2016
- Established an assembly/emulator environment based on a custom assembly language, in Java
- Implemented graphical UI that shows users exactly how data is handled between memory and registers

ACTIVITIES

Officer Association for Computing Machinery (ACM), 2015 - Present
University of Memphis
- Created a new ACM website and planned events

Member, University of Memphis IEEE, Aug 2016 – May 2017
- Team member: built a Robot for IEEE Southeast Conference Hardware Competition

Discover Your Major Day – Computer Science booth, Mar 2016

Demonstrated Network Visualization program at High Schools, 2016 - 2017

AWARDS

Dean's List, Fall 2014 - Present
Stanford's Online Machine Learning Award, Spring 2016