Adam Dalyn

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DATE AVAILABLE TO BEGIN WORK: Immediately (or put the date you can begin

EDUCATION

Bachelor of Science, Computer Science (Honors)
University of Memphis, Memphis TN
Major GPA: 3.97, Cumulative GPA: 3.94
Expected Graduation Date: December 2019

TECHNICAL 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

WORK EXPERIENCE

Undergraduate Research Assistant, May 2015 - Present
Netlab Networking Research Lab, University of Memphis
Supervisor: Dr. Lan Wang, 901-678-3333
Salary: $15/hour **Job Type**: 20 hours week/part time
- 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.

PROJECTS

Network Visualizer, Spring 2017
Professor: Dr. Top Malrisa, 901-678-3333
Job Type: 5 hours week/part time
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.

VOLUNTEER

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