Han Chen
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Objective

Seeking a summer internship opportunity in a Computer Science related field.

Education

UNIVERSITY OF CALIFORNIA, BERKELEY (January 2014 – present)   Berkeley, CA
College of Engineering
Major: Electrical Engineering and Computer Science, B.S.

DE ANZA COLLEGE (April 2011 – June 2013)   Cupertino, CA

Skills

- Programming Experience - Java, Python, C++, C and Google script
- Proficiency with using Mac OS, Linux and Windows operating systems and development tools including Eclipse, gcc/g++, cgdb and Xcode
- Dell Certified Technician - Proficiency installing and debugging computer hardware of different kinds of Dell Cluster
- Fast learner on new technology and having strong responsibility

Relevant Experience

LAWRENCE BERKELEY NATIONAL LABORATORY   Berkeley, CA
High Performance Computing Services
IT Division Intern
(March 2014 – present)

o   Development of scripts by using Perl for automating and monitoring system admin functions in order to list all of the current user information in the report
o   Provide permission security support for Linux systems and clusters
o   Installing, configuring, and testing new hardware and software for Linux
  - Updating IP, subnet mask address and Ethernet Mac address both on the servers and root.
  - Using commands on root to test problem nodes, and hands-on troubleshooting problem part such as CPU, memory, mother board, infiniband card, power distribution board and so on

Relevant Projects

- Making a file and folder compressing project by using trees in order to save the same content by using significant less amount of size. (Java)
- Implementing a simple version of the popular smart phone app DOTs, as well as create a simple AI searcher. (Java)
- Using data structures and recursion to develop a Scheme Interpreter to execute scheme code. (Python)
- Developing a geographic visualization of Twitter data across the USA. (Python)

Relevant Courses

- Data Structures and Programming Methodology (CS61bl)
- Efficient Algorithms and Intractable Problems (CS170)
- Great Ideas in Computer Architecture (Machine Structures) (CS61c)(In Progress)
- Introduction to Artificial Intelligence (CS188)
- Structure and Interpretation of Computer Programs (CS61a)
- Discrete Mathematics and Probability Theory (CS70)
- Introduction to Microelectronic Circuits (EE40)