Jungsoo Park

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Objective

I am looking to work for a high-impact, modern technology company where I can use my skills to learn and kickoff my career. I seek the opportunity to improve the performance of products used by millions of people and to collaborate on projects and solve problems that will help me grow as a systems software engineer.

Education

Rutgers University – New Brunswick Sep 2014 - May 2017*
School of Arts and Sciences Honors Program GPA: 3.5/4.0
Bachelor of Science in Computer Science, Minor in Philosophy

Selected Coursework: Data Structures, Computer Architecture, Systems Programming

Awards: Dean's List, Dean's Scholarship, Rutgers Scarlet Scholarship

* currently a 2nd year but with junior standing (i.e. I have the option to graduate a year early or stay the full four years.)

Skills

Technical: Java, C, Python, HTML/CSS, *sh, MongoDB, SQL
Tools: UNIX, Git, Vim, IntelliJ, Phabricator
Non-technical: Korean

Experience

Open System Solutions – *Student Systems Programmer* Jan 2015 – Present

- Part of a team responsible for maintaining a RPM repository of over 3000 packages used throughout a user community of 70,000 faculty, staff, and students.
- Develop Python web applications used by students and faculty of the university (URL Shortener).
- Perform daily system administration of CentOS, Fedora, and Solaris machines using Nagios.

Projects

shrunk – *The Official Rutgers URL Shortener* (go.rutgers.edu)

- Use Flask to serve up the front-end that displays the shortened URLs to the users.
- Create a client that served as a wrapper for interacting with MongoDB as well as other back-end features.
- Redesign the front-end of the website (HTML/CSS)

Multiprocessing Bank Server – *Systems Programming Project*

- Used multiprocessing, threading, and networking system calls to create a mock bank server capable of handling concurrent read/write access to the bank data by multiple clients.
- Implemented a radix tree memory-mapped to file to store bank information for improved access times and to allow access by multiple processes.

HackRU – *Best Hardware Hack Award* Fall 2014

- Developed a functioning app using the Pebble API with a web interface in under 24 hours.
- Incorporated various API's within the Pebble app.

Leadership

Delta Sigma Phi Fraternity – Executive Board
USACS (General CS Club at Rutgers) – Web Designer (usacs.rutgers.edu)
HackRU – Hackathon Organizer (Internet)