

Jungsoo Park

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Education	<p>Rutgers University – New Brunswick (Expected May 2018) School of Arts and Sciences, Honors Program – GPA: 3.4/4.0 Bachelor of Science in Computer Science</p> <p>Selected Coursework: Computer Architecture, Systems Programming, Operating Systems, Databases Awards: Dean's List, Dean's Scholarship, Rutgers Scarlet Scholarship</p>
Skills	<p>Technical: Java, C, JavaScript (Node, React), Python (Flask), HTML/CSS, MongoDB, SQL Tools: Linux, Git, Phabricator Non-technical: Korean</p>
Experience	<p>United Health Group, Optum – <i>Technology Development Program Intern</i> (Jun 2016 – Aug 2016)</p> <ul style="list-style-type: none">• Developed a web admin console used for managing the contents of a mobile app. The mobile app was used for distributing information to the public and employees pertaining to the company's various conferences. This project was started by my intern team and will be deployed to production by October.• Led initial investigation into React.js as a new technology for the company and implemented it into our web app.• Worked with the testing team to write automated tests using Cucumber and Gherkin. <p>Open System Solutions – <i>Student Systems Programmer</i> (Jan 2015 – Present)</p> <ul style="list-style-type: none">• 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.• Developed Python web applications used by students and faculty of the university (URL Shortener).• Performed daily system administration of CentOS, Fedora, and Solaris machines using Nagios.
Projects	<p>shrunk – <i>The Official Rutgers URL Shortener</i> (go.rutgers.edu)</p> <ul style="list-style-type: none">• Developed a URL shortener used by hundreds of university faculty.• Used Flask to serve up the front-end that displays the shortened URLs to the users.• Created a wrapper/API for the front-end to interact with MongoDB and other short URL generation features. <p>Virtual Infrastructure Intake Form</p> <ul style="list-style-type: none">• Wrote a simple web application to help mediate requests for new virtual machines on the university servers.• Used an Express.js backend to send emails to sysadmins upon submission of the form. <p>Multiprocessing Bank Server – <i>Systems Programming Project</i></p> <ul style="list-style-type: none">• 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.
Leadership	<p>HackRU – Hackathon Director</p> <ul style="list-style-type: none">• Organized a 24-hour hackathon held every semester, averaging over 800 attendees composed of students from universities on the East coast.• Managed logistical issues related to providing internet, as well as acquiring sponsorships from various technology companies. <p>Delta Sigma Phi Fraternity – Executive Board</p>