Jackie Yu

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Education:

New York University - College of Arts and Science, New York, NY
B.S in Computer Science, Economics | GPA: 3.6/4.0   Expected May 2018

Technical Skills:

Programming Languages: Java, Python, C, Javascript, Bash Shell, mySQL, Swift, Obj-C
Web Development: AWS, HTML, CSS, mongoDB
Database Analysis Tools: Excel, Tableau, Stata, R, Python Pandas
Operating Systems: Linux, MacOS, Windows
Other Tools: Unity, Eclipse

Academic Project:

Demand Paging Simulation Java, New York, NY   2017
- Simulates demand paging in memory transfer between RAM and disk to efficiently utilizing virtual memory
- calculates # page faults and average residency time of pages of data under different page size, process size, job mix, and number of reference per process, as well as the page replacement algorithm (FIFO, LRU, random)

Multi-Process Dynamic Resource Allocation Simulation Java, New York, NY   2017
- Simulates low-level scheduling and resource allocation for multiple processes with FIFO and Banker's algorithm
- Takes in input requests and avoid deadlocks with Banker's, and achieves error-tolerance for typos in input data

Artworld Javascript, New York, NY   2018
- A web application that uses node.js, express, AWS EC2 & S3, image AI to build an online gallery for Art
- Allows users to upload images, and classify them by color and store in mongoDB, and S3 cloud storage
- Programmatically update photos every day to populate the site database with google images pulling

HustleEveryDay – iOS App, New York, NY   2017
- A planner App that adds/deletes tasks easily with automatic priority ranking of tasks in the wipe-to-see side bar
- Capable of adjusting priority preference by user and integrates google places API to locate the tasks for user

Professional Experience:

NYU Wasserman Career Center, *Data Analyst*, New York, NY   Oct 2017 – May 2018
- Analyze big data sets of university graduates' employment data (50k entries+) create data visualization with Tableau
- Generate reports for use on external and internal publications, e.g. Princeton Review College Ranking

NYU Computer Science Tutoring, *Tutor*, New York, NY   Aug 2017 – January 2018
- Helped current NYU computer science students to learn coding in Python, Java, Data structures
- Worked on average 10 hours a week, including homework instruction, test preparation, etc.

Huawei Technologies CO. LTD, *Summer Intern,* Chongqing, China   Jun 2016 - Aug 2016
- Contributed code as a team member to build a built-in facial recognition Android App with JavaScript
- Mainly worked with development testing and participated in group meetings to share ideas and manage memos

Skills and Interest:

LANGUAGES: Mandarin, English, Conversational Japanese
INTERESTS: Oil / Acrylic Painting, Snow Boarding