Weston Jackson

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EDUCATION

Columbia University, *Columbia College*   New York, NY
Bachelor of Arts in Computer Science   Expected: May 2017
• GPA: 4.15, Major GPA: 4.25 | Dean's List
• Study Abroad in Budapest, Hungary | Aquincum Institute of Technology (January – May 2016)
• SAT: Overall 2320 / 2400 | Reading: 800 | Writing: 760 | Math: 760

Relevant Coursework:

Analysis of Algorithms I	Machine Learning	Advanced Programming in C/C++
Intro to Computational Complexity	Combinatorial Optimization	Fundamentals of Computer Systems
Graph Theory	Linear Algebra	Data Structures and Algorithms
Computer Science Theory	Calculus I-IV	Computer Graphics
Intro to Combinatorics/Graph Theory	Intro to Probability and Statistics	

EXPERIENCE

AppNexus   New York, NY
Software Engineering Intern   May 2016 – August 2016
• Created a standalone Scala application (RecoverData) that automated a time-consuming data recovery process
• Wrote production level Scala code that authenticated security with Kerberos, efficiently copied Hive tables
between Hadoop clusters using distcp, and included dry run and rollback functionality
• Improved the data platform's job scheduler by writing the API call for ad hoc job processing
• Integrated RecoverData into the data platform's Python-Flask web framework using said ad hoc functionality

Goldsmith & Co.   New York, NY
Software Development Intern   June 2015 – Dec 2015
• Implemented additions to the company's Salesforce platform (Apex classes, triggers, and Visualforce pages)
• Developed a software package in Java that used Selenium API to scrape LinkedIn profile information from Google
• Created a Salesforce application that automated the company's weekly status reports
• Collaborated with other interns in researching buy-side institutional clients

TECHNICAL SKILLS

Languages:	Java, C, C++, Python, Scala, SQL, HTML/CSS
Operating Systems:	Mac OS, UNIX, Linux
Development Tools:	Vim, Intellij, Eclipse, Xcode
Big Data Ecosystems:	HDFS, Hive
Other Applications:	Microsoft Office, Adobe Photoshop, LaTeX

RESEARCH

Microbiome Clustering Project   Columbia University
Research Assistant   August 2016 - Present
• Working with Professor Itsik Pe'er on research pertaining to the Human Microbiome Project
• Developing a 2-way cluster membership model for DNA samples using Machine Learning techniques

EXTRACURRICULAR

89.9 WKCR-FM New York American Department   Columbia University
Program Manager   September 2013 – present
• Create playlists, handle sound equipment, and perform microphone breaks for the FM hip-hop radio show "Offbeat"

SKILLS AND INTERESTS

• **Languages:** French
• **Interests:** Basketball, Golf, Music