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EDUCATION

Berkeley, CA	University of California, Berkeley	December 2013
<ul style="list-style-type: none">▪ B.A. in Applied Mathematics.▪ Concentration in Economics.▪ Relevant Coursework: The Structure and Interpretation of Computer Programs (Python), Data Structures and Advanced Programming (Java), Numerical Analysis (Matlab), Optimization Theory and Practice (Matlab), Probability Theory.		
Fremont, CA	Ohlone College	May 2011
<ul style="list-style-type: none">▪ A.S. in Computer Science.▪ A.S. in Natural Science.▪ Relevant Coursework: Assembly Language Programming, Data Structures with C++, Object Oriented Programming with C++.		

EMPLOYMENT

Computer Systems Engineer	Lawrence Berkeley National Laboratory	August 2010 – Current
<ul style="list-style-type: none">▪ Create and maintain Google web applications (in JavaScript) to interface with lab services.▪ Create scripts and tools (mainly Python) for automation and analysis.▪ Create relevant documentation, and add to the Wiki.▪ Maintain and configure Mac/PC/Linux machines for scientific computing.▪ Install/configure hardware and software for data analysis.▪ Network troubleshooting and maintenance.▪ Manage and configure the laboratory's email systems.		
I.T. Technician	Ohlone College	June 2009 – February 2010
<ul style="list-style-type: none">▪ Maintenance of desktop systems used by students and staff.▪ Operated the student Help Desk.		

TECHNICAL EXPERIENCE

Projects:

- **Performance Review Tool** (LBNL project, JavaScript, March 2013). A new process for divisions to conduct performance reviews. To be used in the interim while all H.R. systems are upgraded. A stand-alone script attached to a spreadsheet gathers data, while a Web App allows employees to submit their performance reviews, and for management to view summary statistics.
- **Message Compare Tool** (LBNL project, Python, January 2013). A tool used by Systems Administrators when migrating mail between servers. The tool will output statistics of which messages were (or were not migrated).
- **UCB Math API** (Personal project, Java, September 2013). An A.P.I. that allows users to simulate algorithms from their math classes. The current implementation simulates the Stable Matching Algorithm and Newton's Method.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, Matlab, C++, HTML, Bash Scripting, Lisp, Haskell.
 - **Tools:** Eclipse, Unix, Git.
- Github: <https://github.com/ajponte>