Myles Scolnick

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EDUCATION

University of California, Berkeley **Technical GPA: 3.82/4.0**
Double Major: Computer Science & Applied Mathematics *Aug 2012 - Dec 2015*

Completed Coursework: Linear Algebra and Differential Equations (54), Advanced Linear Algebra (110), Intro to Abstract Algebra (113), Structure and Interpretation of Computer Programs (61A),Data Structures (61B), Machine Structures (61C), Discrete Mathematics and Probability Theory (70), Intro to Digital Electronics (42), Efficient Algorithms and Intractable Problems (170), Intro to Analysis (104), Engineering Entrepreneurship (IEOR190), Artificial Intelligence (188), Engineering Parallel Software (194), Computer Security (161), Operating Systems and System Programming (162), Numerical Analysis (128A)
Completed Coursework: Databases (186), Complex Analysis (185), Intro to the Internet (168)

Programming:: Java, Python, C, C++, HTML/CSS, Javascript, Matlab, Objective C, Bash

Tools:: Git, Vim, Eclipse, Processing, Bootstrap, Hadoop, Xcode, CMake, OpenCV, OpenMP, SSE Intrinsics, SQLite, LaTeX, jQuery, Ubuntu/Linux, Mac OS, VirtualBox

EXPERIENCE

Palantir Technologies **Palo Alto, CA**
Incoming Software Engineer Intern *Summer 2015*

Dropbox **Berkeley, CA**
Part-Time Extern *Spring 2015*
- Conducted research on students to develop insights about student technology usage and trends
- Acquired great insight into the tech world and furthered developed my research capabilities with real business implications

Palantir Technologies **Palo Alto, CA**
Product Quality Engineer Intern *Summer 2014*
- Developed new management tools to deploy a subset of Palantir software with increased reliability and efficiency
- Gained large project experience, increased Java/Shell skills, as well as team collaboration and other proficiencies
- Created tests plans and implemented back end (BE) automation tests to ensure project stability from code changes

PERSONAL PROJECTS

Stock Analysis
Python, Flask, SQLite, Jinja, HTML/CSS/JS *Spring 2015*
- Created a web application (Front/Back End) to provide technical analysis and graphs for searched stocks
- Implemented variety of trading indicators such as MFRAMA, RSI, ADX, MACD for technical analysis on quotes
- Added external APIs to give more context for a given stock such as current quote, tweets, and interactive graphs

ADX Cryptocurrency Trader
Python *Spring 2014*
- Built a program to analyze trends in crypto-currency, specifically Dogecoin and Bitcoin, with the ADX technical indicator
- Automatically tracked momentum of currency fluctuations to determine prime opportunity to buy and sell currency
- Implemented APIs of currency exchanges and digital wallets to configure auto-trading at high velocities

Dr. Search
Java/Processing *Spring 2013*
- Developed a fully functional cell counter to detect and count the number of cells in a given image or selection of images
- Created the ability to run through a folder of images and export an Excel spreadsheet with results of 43 images in 2 seconds
- Implemented 'blob-detection' and 'edge-detected' to locate cells, color cells, and count cells with little to no error

ACTIVITIES

Cal Men's Club Lacrosse Team
MCLA D-1 Student Athlete & Lead Web Designer *2012 – present*
- Headed website for a three-month long campaign by the team that had raised over $250,000 in funding

Phi Gamma Delta Fraternity
Former Vice President/Treasurer & Scholarship Chair *Fall 2012 – present*
- Oversaw and budgeted $150,000 and carried out chapter affairs; Promoted scholarship and organized resume workshops

Interests: Skiing, Lacrosse, Standup Comedy, Biking