Myles Scolnick

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EDUCATION

University of California, Berkeley **Technical GPA: 3.77/4.0**
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)
Current Coursework: Databases (186), Complex Analysis (185), Machine Learning (189)

Programming:: Java, Python, C, HTML/CSS, Coffeescript/Javascrip, Matlab, Swift/Objective C, Bash

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

EXPERIENCE

Palantir Technologies **Palo Alto, CA**
Software Engineer Intern *Summer 2015*
- Worked on adding new improvements and features to Palantir's trader oversight solution
- Developed a new understanding of Postgres Full-Text Search, large-scale web app, build automation tools, and dependency management

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

NAICS Classifier
Python, NLTK *Fall 2015*
- Built a natural language model to algorithmically determine the best NAICS code for a given small business
- Received second in the Radius Collider Competition (through UC Berkeley's Sutardja Center for Entrepreneurship & Technology)
- Incorporated text cleaning, data augmentation, TF-IDF, wordnet, neural embeddings and cross-validation to improve accuracy

Dataless
Python, Flask, Twilio, Android/Java, AWS EC2 *Fall 2015*
- Built an application on Android to get remote information and internet access without using data and only using SMS
- Created a protocol with SMS to simulate network packets capable of handling dropped packets and out of order packets
- Won *Best Hack at Berkeley* from FreeVentures and *Best use of AWS* from Amazon at Cal Hacks 2.0

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

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