Myles Scolnick

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EDUCATION

University of California, Berkeley **Technical GPA: 3.67/4.0**
Double Major: Computer Science & Applied Mathematics *Aug 2012 - Dec 2015*

Favorite courses: Efficient Algorithms and Intractable Problems (170), Engineering Entrepreneurship (IEOR190), Engineering Parallel Software (194), Numerical Analysis (128A), Complex Analysis (185)

Programming: Typescript/React, Java

Tools: VSCode, Git, Webpack, Node, Docker, Circle, Conjure, TS-AST, LaTeX

EXPERIENCE

Palantir Technologies **New York, NY | London, UK**
Software Engineer, Forward Deployed Engineer *June 2016 - Present*

- Software Engineer - Foundry
  - Worked on the initial implementation and methods for providing an object and relational platform for datasets
  - Created an analytical application for investigative and decision based workflows for operational users
  - Designed a plugin architecture for deployments to create customer specific plugins to inject into our applications
- Forward Deployed Engineer - Aviation
  - Developed a tool for managing manufacturing defects and running defect analysis / root cause analysis (RCA)
  - Contributed to building systems and methods for determining relationships between defects
  - Built some of the initial custom applications during the early development of our aviation vertical

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

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

ACTIVITIES

Team Captain
JDRF One Walk *Fall 2018*

- Raised $3,000 for the JDRF Type 1 Diabetes walk to help end type 1 diabetes

Cal Men's Club Lacrosse Team
MCLA D-1 Student Athlete & Lead Web Designer *2012 – 2015*

- Headed website for a three-month long campaign by the team that had raised over $250,000 in funding

Interests: Skiing, Lacrosse, Stand-up Comedy, Biking, Scuba Diving