Pransu Dash

pransudash [at] gmail [dot] com **REDACTED** *www.pransudash.com* *San Francisco Bay Area*

Education

University of California, Berkeley - B.A. Computer Science ***August 2016 - May 2020 (expected)***

- *Completed Coursework:* **Data Structures**, **Algorithms**, Discrete Math and Probability Theory, Computer Architecture, Intro. Electrical Engineering, **iOS Development** DeCal (student-run course), **Data Science** DeCal, Artificial Intelligence, Concepts of Probability
- *In Progress:* Operating Systems, Internet Architecture, Probability and Random Processes

Work Experience

UC Berkeley Haas School of Business - Research Assistant, *Berkeley CA* ***January 2018 - Present***

- Currently working on parsing metrics from self-curated Facebook adverstisements for fake activity detection
- Working towards a smart, predictive model to eliminate false inflation of advertisement clicks

Microsoft - Software Engineering Intern, *Greater Seattle Area* ***May 2018 - August 2018***

- Full stack development for Visual Studio Team Services (Typescript, C#, **React**, **Redux**, jQuery)
- Agile work enviroment, shipped major user-requested features

Financial Engines - Software Engineering Intern, *Sunnyvale CA* ***June 2017 - August 2017***

- Automated the conversion of the company-wide Postscript data archival system to use PDF and store in AWS after doing a cost analysis to demonstrate the significant benefits
- Worked with AWS Lambda, S3, Kinesis as well as Java, Angular, Javascript, SQL Server, Bash Scripting

Scry Analytics - Natural Language Processing Research Intern, *San Jose CA* ***June 2015 - August 2015***

- Prototyped a NLP module for real-time lexical analysis of clients' customer service phone conversations
- Completed MVP that used the open-source Sphinx speech recognition library in Java

Projects

LawyerUp, *Startup Venture*

- Web and Mobile app that connects lawyers and clients using keyword recognition and location-based, contextual search
- Built front end of website with HTML, CSS, jQuery, and Bootstrap; back end with Google Firebase

Traffic Control Improvement Research, *Science/Engineering Fair Project*

- Built a model that was trained with local traffic metrics, clustered drivers with similar destinations and driving styles together using a k-means algorithm, and redirected each cluster along a unique route for more efficient vehicle traffic management
- Won IBM Award for Computing at 2016 Santa Clara Valley Science and Engineering Fair

Skills

Java	●●●●●	**Python**	●●●●●	**C/C++**	●●●○○
Git	●●●●●	**iOS Dev**	●●●○○	Swift	●●●○○
SQL	●●●○○	Web Dev	●●●○○	Android Dev	●●○○○
Spark	●●○○○	AWS Dev	●●○○○	R/Rstudio	●●○○○

Awards and Recognition

AP Scholar with Distinction ***2016***

Santa Clara Valley Science and Engineering Fair - IBM Award for Computing ***March 2016***

Santa Clara Valley Science and Engineering Fair - 2nd Place in Engineering ***March 2015***