DONALD FRANKS

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Education	**Berkeley, CA**	**University of California, Berkeley**	**Expected Grad: May 2018**

• B.A. in Cognitive Science, Concentration in Computational Modeling
• Minor in Computer Science

Technical Experience	**Independent Contractor**	**Apple Inc. – Cupertino, CA**	**Jun. 2017–Present**

• Developed a core web application that unified shared spreadsheets and incorporated PostgreSQL databases.
• Independently optimized resource allocation management for multiple teams.
• Coordinated with internal security teams to integrate role-based authentication and access.

A/V Webmaster　　　**CNH Circle K – California-Nevada-Hawai'i**　　　**May 2017–Present**
• Developed and deployed a responsive website for the 64th Annual CNH Circle K District Convention.
• Curated feedback from prior years to implement mobile-friendly, user-driven suggestions.
• Maintained online presence and released regular content and updates with version-control.

Module Contributor　　　**UC Berkeley Division of Data Science – Berkeley, CA**　　　**Feb. 2017–Apr. 2017**
• Designed curriculum to enhance classroom learning through exploratory data analysis.
• Articulated Jupyter notebooks with comprehensive test suites to ensure mastery of student skills.

Data 8 Learning Assistant　　　**UC Berkeley College of Engineering – Berkeley, CA**　　　**Jan. 2017–Apr. 2017**
• Facilitated student learning by demonstrating introductory Data Science technologies and techniques.
• Assisted graduate instructors with course content by completing projects and submitting frequent feedback.

Tools	**Languages**

• PHP, HTML, Python, CSS (SCSS), SQL (MySQL, Postgres), Javascript, Pandas

Technologies
• Git, cURL, XCode, BlueJ, AJAX, CodeIgniter, Bootstrap, Materialize

Projects	**California Water Usage (Python, Jupyter Notebook)**

• Refined coarse data for visualization of water usage across the state of California.
• Conducted statistical analyses to determine patterns in zip codes to correlate income and water usage.

Gitlet (Java, Github)
• Designed a version-control system with the ability to add, un-stage, commit, and branch.
• Identified data structures that minimized Big-O runtimes across all operations. H

Willow Glen Athletic Boosters (PHP, HTML, Javascript)
• Developed website using the **Codeigniter** framework to enhance online presence.
• Incorporated PayPal transaction workflow and social media login authentication.

Whimpsters (PHP, MySQL, Prototype)
• Analyzed user statistics to develop games and content tailored to the interests of the users.
• Managed MySQL databases amassing hundreds of thousands of records.

Professional Development	**Circle K International** (*The world's largest student-led collegiate service organization*)

• **2016-2018 Circle K International Awards Chair**
• **2016-2017 California-Nevada-Hawai'i Distinguished with Excellence District Treasurer**
• **2015-2016 University of California, Berkeley Distinguished Fundraising Chair**
• 1000+ Hours of Community Service