


DONALD FRANKS

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Education	Berkeley, CA • B.A. in Cognitive Science, Concentration in Computational Modeling • Minor in Computer Science	University of California, Berkeley	Expected Grad: Dec. 2018
Technical Experience	Independent Contractor • 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.	Apple Inc. – Cupertino, CA	Jun. 2017–Dec. 2017
	A/V Webmaster • 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.	CNH Circle K – California-Nevada-Hawai'i	May 2017–Present
	Module Contributor • Designed curriculum to enhance classroom learning through exploratory data analysis. • Articulated Jupyter notebooks with comprehensive test suites to ensure mastery of student skills.	UC Berkeley Division of Data Science – Berkeley, CA	Feb. 2017–Apr. 2017
	Data 8 Learning Assistant • Facilitated student learning by demonstrating introductory Data Science technologies and techniques. • Assisted graduate instructors with course content by completing projects and submitting frequent feedback.	UC Berkeley College of Engineering – Berkeley, CA	Jan. 2017–Apr. 2017
Tools	Languages • PHP, HTML, Python, CSS (SCSS), SQL (MySQL, Postgres), Javascript, Pandas		
	Technologies • Git, cURL, XCode, BlueJ, AJAX, CodeIgniter, Bootstrap, Materialize, WebSockets, Heroku		
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 (<i>The world's largest student-led collegiate service organization</i>) • 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		