**Robert Forderer**

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(510) 332 6167

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**Education**

**BS in Business Administration, graduated spring 2017**

**San Francisco State University, San Francisco, CA**

* **Concentration:** Decision Sciences
* **Minor:** Information Systems
* **SF State GPA:** 3.70

**Skills**

* **Data Storytelling:** transforming 5000 or more rows of data into business intelligence
* **Microsoft Excel:** Pivot Tables, Solver, Time-Series Forecasting, Regression Analysis
* **Computer programming**: Entity Relationship Diagrams, R, SQL, C#, HTML, JavaScript
* **Knowledge of business principles:** management, marketing, accounting, finance

**Relevant Courses and Projects**

**Relevant Courses:** Data Mining, Sustainable Supply Chain Management, Data Analysis with Computer Applications, Business Forecasting, Building Business Applications, Applied Management Science

**Relevant Projects:**

* Collaborated with a team of four to design a professional football league (NFL) schedule using Linear Programming that minimizes the total distance traveled by all thirty-two teams. Our 17,000 variable program produced a one year schedule that reduced total team travel by 35%.
* Collaborated with a team of three to analyze quality in red and white wine datasets using R. Data Mining techniques like Logistic Regression, and Decision Trees created easily interpreted output while Random Forest and Boosting allowed our team to predict quality more accurately.
* Collaborated with a team of three to help a sustainability professor analyze ROI related to the purchase of compost bins at SF State. Our analysis concluded that weekly savings related to recycling would equal the cost of additional compost bins within less than a year.

**Experience**

**Information Systems Department, San Francisco CA**

*Tutor Spring 2017*

* Instructed novice computer programming students regarding JavaScript, HTML, and C#
* Created visuals to demonstrate programming principles to students
* Explained class notes and pseudo code snippets to help students get started on assignments

**Red Tower Marketing, Emeryville, CA**

*Corporate Trainer January 2015- June 2015*

* Communicated free government cell phone offers to potential clients
* Trained customer service representatives to interact respectfully and persuasively with customers
* Collected data regarding the number of people I spoke to, how many were interested, and how many obtained a cellphone. I used this data to drive marketing decisions

**Forderer Doors, Hayward CA**

*Office Assistant Summers, 2011-2015*

* Entered data into Microsoft Excel regarding door specifications (height, width, ect.)
* Delivered doors, frames and hardware to commercial construction sites

**Activities/Awards**

* Treasurer, Decision Sciences Student Association
* Dean's List: Fall 2015, Spring 2016, Fall 2016, Spring 2017