Marcos Hung

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EDUCATION

San Jose State University   Expected Graduation: **December 2021**
B.S Computer Science, Minor in Business   3.89 GPA

SKILLS

Programming Languages: **Software:**
Java, C++, Python, HTML, JavaScript, SQL   Microsoft Office, SharePoint, Slack, Tableau, Adobe XD, Git

Courses Taken
Introduction to Programming, Data Structures and Algorithms, Introduction to Computer Systems, Discrete Mathematics

EXPERIENCE

San Mateo County Transit District
Information Technology Intern   *June 2019 - Present*
- Created prototype intranet site for the district in less than 4 weeks using SharePoint and HTML to replace outdated portal increasing user satisfaction and transparency throughout the district
- Created over 50 pages of documentation detailing process of creating and modifying sites in SharePoint resulting in a more effective transition of roles to new team members
- Documented steps of budget load process in PeopleSoft Finance in Microsoft Word to reduce the complexity and training time for the next employee to learn

Alpha Kappa Psi
Fundraising Analyst   *February 2019 - May 2019*
- Analyzed 12+ fundraiser events to assess the execution and increase profit margins by 11%
- Manage the scheduling and tracking of volunteers by utilizing excel to oversee the participants and holding those who fail to meet expectations accountable, increasing participation by 26%
- Installed lines of communication between marketing committee to ensure knowledge of events are correct and advertisement of events are promptly met

AlienVault
Accounting Intern   *August 2017 - September 2018*
- Processed over 200 AP invoices using NetSuite, advancing work schedule by 3 weeks
- Organized vendor information and operations to lessen the workload of senior accountants
- Systemized data from 30+ vendors to predict future transactions and prepare future budget

PERSONAL PROJECTS

Spell Checker - http://github.com/marcoshung/SpellChecker   *December 2019*
- Designed a Red Black Tree to serve as a dictionary to identify misspelled words resulting in a running time of $O(lgn)$
- Constructed a dozen Junit test cases to ensure correctness and validity of algorithm

FYRE Festival Case Study   *March 2019 – April 2019*
- Collaborated in a team of 24 to evaluate and analyze critical failures in FYRE's finances, marketing, and operations
- Presented findings in an extensive 40-page report with pitch deck detailing necessary steps needed to rebuild FYRE

Linear Regression Calculator - tinyurl.com/mhunglinearregression   *August 2017*
- Programmed Java and Swing API to identify a line of best fit from numerous given data points from user input
- Predicts patterns in data collections and evaluate existing correlations between two variables to highlight relationships
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Primitive Spreadsheet Software - tinyurl.com/mhungtextexcel   *May 2017*
- Created a replica of Microsoft Excel from scratch using Java to understand operations and cell-to-cell functionality
- Integrated an interactive user console within the integrated development environment