1716 Singletree Court

San Luis Obispo, CA 93405

**Daniel Shu**

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**EDUCATION**

**California Polytechnic State University, San Luis Obispo** 2013 - Present

*Major in Business Administration: Finance | Minor in Computer Science*

*Expected graduation date: December 2017*

**Imperial College, London** 2016 June - Aug

*Study Abroad Student*

**RELEVANT COURSEWORK**

* Fundamentals of Computer Science I
* Fundamentals of Computer Science II
* Fundamentals of Computer Science III
* Financial Engineering and Risk Management
* Introduction to Computer Organization
* Information Systems
* Advanced Corporate Finance
* Systems Programming (Enrolled)
* Discrete Structures (Enrolled)

**PROJECTS**

**Class Grades**

* Takes input of various students’ class grades, assignment grade weights, assignment names, calculates total grade and exports a grade summary of each student in a text file, in which the file path is based on user input

**Morse Code Translator**

* Implemented a binary search tree to efficiently convert Morse Code to text and text back into Morse Code
* Utilized interfaces, polymorphism, exception handling, scanners, recursive algorithms, iterators

**Calcudoku Solver**

* Program to help the user solve a Calcudoku puzzle, taking into account the number of cages, cage sum, number of cells within the cage, and the cage cell positions; returns solution after input
* Used Python to create an organized user interface and implement functions for CPE 101

**Jumble Word Finder**

* Program that unscrambles a scrambled word inputted by the user to find and returns all possible anagrams

**WORK EXPERIENCE**

**Student Managed Portfolio Project** September 2016 - Present

*Equity Analyst Intern* San Luis Obispo

* Took part of a finance team to make investment decisions for a managed portfolio worth over $500,000 dollars from Cal Poly for year-long senior project
* Curate
* Meticulously researched companies to assess the portfolio’s potential and risks, and discussed with the class about the companies’ financial reports and strategies

**Milestone Learning**  Summer 2015

*Office Assistant*

*Arcadia, CA*

* + Worked with teachers to enhance academic skills for students from grades 5-11
  + Created rigorous quizzes and exams to challenge students' vocabulary and critical thinking skills
  + Graded homework, essays, tests and assembled kids’ report cards using Excel

**Yanagi Sushi**  2014 – 2015

*Busser/server*

*San Luis Obispo, CA*

* Assisted in providing excellent customer service in a fast paced environment
* Regularly cleaned tables and work equipment, ensuring kitchen items were stored properly
* Assisted hosts/hostesses in handling trays of food and catered to customers’ needs

**EXTRACURRICULARS & MERITS**

* **Financial Management Association (FMA)** – Asset Member
* **Orfalea College of Business** **Dean’s List**
* **Cal Poly SLO FMA** *MarketWatch Trading Game Fall Quarter 2015* – 1st Place

**SKILLS & ABILITIES**

* Fluent in Mandarin and English
* Capable of providing customer service utilizing strong communication skills
* Adept in using Microsoft Excel
* Proficient in Java, Python, C, MatLab
* Able to make to make basic websites using HTML, CSS, and JavaScript