Stephanie Grasso

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OBJECTIVE:

Looking for a job opportunity that will allow me to utilize my problem-solving skills and attention to detail to contribute to the growing development of computer science.

EDUCATION:

University of San Francisco, San Francisco, CA
B.S. in Computer Science with a minor in Design, Current GPA: 3.94
Expected Graduation Date: May 2021

EXPERIENCE:

Research Assistant in Computer Networks **January 2019 – Present**
University of San Francisco, San Francisco, CA
+ Assigned project focused on analyzing bandwidth measurement tools and websites to determine their overall accuracy in measuring bandwidth.
+ Assisted in creating automation scripts for project tests as well as generating plots for output data using Python.

Teaching Assistant **August 2019 – Present**
University of San Francisco, San Francisco, CA
+ Worked with students to help strengthen their understanding of C and Systems Programming in class and office hours.
+ Graded assignments looking at student's code to check if they meet learning requirements.
+ Webmaster for class website.

Student Intern at Tourtle **May 2020 – September 2020**
Tourtle, Boston, MA
+ Helped to test and report bugs for web application features before version deployments.
+ Created automated test scripts in Python to optimize the current testing protocol.

SKILLS:

Languages: Java, C, Python, LaTex, HTML, CSS, DrRacket (beginner)
Systems/Technologies: Linux, Windows, Mac, Git, Eclipse, IntelliJ, Ubuntu, Plotly, vim

PROJECTS:

Android Gaming App **Spring 2018**
+ Collaboratory project coded in Java using Android Studios with support for three games.
+ Includes games such as hangman, tic-tac-toe, and rock paper scissors.

Atmospheric Data Analysis (C & Systems Programming) **Fall 2018**
+ Program that reads and analyzed data from National Oceanic and Atmospheric Administration (NOAA) North American Mesoscale Forecast System in the form of .tdv files

Hybrid Sorting Algorithm (Data Structures & Algorithms) **Spring 2019**
+ Created a hybrid sorting algorithm using a combination of both merge sort and quick sort algorithms in order to make a sorting algorithm that has a run time better than quick sort.

Six Degrees of Kevin Bacon (Data Structures & Algorithms) **Spring 2019**
+ Created a program in Java that reads through a movie data base to find the connection between two actors using the shortest possible paths between other actors they've worked with using Breadth First Search.

Search Engine (Software Development) **Fall 2019**
+ Parses words and links from an html text files to perform a partial search given user entered queries.
+ results showed clickable links sorted by contents frequency on a web interface.
+ Use of Java language, java unit tests, embedded Jetty and servlets.

AWARDS:

Grace Hopper Scholarship (2018, 2019) - $1000 from the University's CS department to attend GH