Fannie Barskhian

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Objective Statement

Computer Science and Engineering Major currently employed by NASA's Jet Propulsion Laboratory as an Academic Part Time. Seeking additional experience to aid my pursuit and journey into higher education.

Education

Pursuing Computer Science Degree
University of California Berkeley - Berkeley, CA
Current Courses - Machine Structures / Musical Computation

Engineering and Technology AA , Mathematics AS-T, Physics AS-T
Pasadena City College - Pasadena, CA

Professional Experience

Engineering Undergraduate Student - NASA's Jet Propulsion Laboratory (02/2020 - Current) -
Redeveloping an internal database for the Radiation Effects Group.

Data Analyst - Principles Inc. (05/2017 - 02/2020) – Using gained technological skills to provide this company with the efficiency to properly adapt to policy updates from changes in state regulations. Ultimately saving the company hours of costs in manual labor. Compliance Management for policy and certification upkeep for over 100 employees.

Owner / CFO - Levitate Society (Current) – Leading this company to USPTO Patent Registries with a logo I designed, as well as creating a database for financial recording which allowed for approximately $4,000.00 in savings for the company last year (2018).

Student Assistant Jet Propulsion Laboratory – NASA (September 2019) – Hired to serve as a mentor for the Nasa Community College Scholars Fall 2019 program. Provided a cohort of over 30 participants with motivational presentations to inspire the next generation of discovery and completed logistical duties to ensure all activities were handled accordingly.

Senior Counselor / Primary Caseworker - Principles Inc. (07/2016 - 05/2017) – Swing Shift Head of Management for a Recovery House of 100+ patients recovering from addiction. Delegating staff and activities to ensure safety of patients and staff. Caseworker and Counselor of 9+ women dealing with a variety of personal issues.

Academic Experiences / Personal Projects

Certificate in New Ventures Leadership (Massachusetts Institute of Technology - Cambridge, MA) - Team CEO delivered an in-depth Travel App Prototype pitch to potential Japanese Investors in Tokyo, Japan.
Disaster Relief Robotics – Currently working on a project using Raspberry Pi to create a robot in aide of Disaster Relief.
NASA NCAS Scholar – Software Engineer on Mars Rover Simulation Team at JPL.
RegulateAI.org - Websites I created concerning regulations in Artificial Intelligence as well as a forum for the discussion of innovation in Robotics.
Coding Projects – Admissions- coded in Python and C++ to select profiles based on specific criteria.
Data Migration- Simulations of Two- Cells interacting coded in C++, Graphing Calculator coded in C++ using SFML for GUI, Tic-Tac-Toe- against Artificial Intelligence coded in C++.
BlockChain Society - Developing a Student Organization to work towards integrating blockchain technologies into different sectors.

Scholarships

UC Berkeley Leadership Award - Fall 2020
Alice and Don Slater Scholarship Recipient - Fall 2019
Tim Selinske Entrepreneurial Award - Spring 2020