Devin Suy

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OBJECTIVE

Fourth-year B.S. Computer Science student at CSULB. Results oriented, resourceful, and driven with a goal of applying coursework and experiences to a challenging, growth-oriented internship. Interests: Machine learning, data analytics. https://devinsuy.com/

EDUCATION

California State University, Long Beach
Bachelor of Science, Computer Science — Expected: Dec 2021
President's List: Spring 2018 - Present — Cumulative GPA: 3.7

EXPERIENCE

CSULB Chem Engineering: IT Support — **Dec 2018 - Aug 2020**

- Administered updates and technical support for facility and department systems
- Integrated unit operations equipment for usage with automated process control

G2 Computer Lab: Student Assistant — **Jan 2018 - Jul 2018**

- Maintained a database and detailed records of lab resources and transactions
- Oversaw the production, processing and distribution of research posters within the College of Natural Sciences and Mathematics

TECHNICAL SKILLS

Languages : C#, C++, Java, Python, SQL
Familiar : BigQuery, Git, Google Cloud API, HTML, JavaScript, REST
General : Algorithms, Data Structures, Object Oriented Programming

PROJECTS

Budget Management Application — **Present**

Leading a team through the ongoing development process of constructing a budgeting web-application. End users will have access to a variety of data visualization tools ranging from savings goals to analytics, including a monthly subscriptions manager.

P2P File Synchronization — **Aug 2020**

Python application that establishes a peer-to-peer network through the use of a distributed hash table. Performs real time multi-directional file synchronization between devices on a Local Area Network, supporting peer discovery and merge conflicts.

Algorithmic Day Trading Bot — **Jun 2020**

Python application hosted on Google Cloud Platform that utilizes regression analysis to implement a momentum trading strategy using the Alpaca Securities API. Data is hosted on BigQuery and regularly maintained by various scheduled cloud functions.

RELEVANT COURSEWORK

- Data Structures and Algorithm Analysis • Artificial Intelligence
- Distributed Systems • Database Design • Operating Systems
- Object Oriented Application Development • Software Engineering

ADDITIONAL ACTIVITIES

JPMorgan Chase: Virtual Software Engineering Experience
- Utilized streaming analytics API Perspective to develop a visualization dashboard for pricing data of correlated securities, providing alerts for crossing of established bounds.

Peer Tutor
- Simplified and effectively communicated mathematical concepts ranging from Algebra to Calculus through establishing a peer-mentor relationship with struggling students