Ruchit Dhoka

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TECHNICAL SKILLS

Programing Languages C++, Python, Java, Haskell, Python, HTML, CSS, JavaScript, SQL,Go, Swift, Haskell
Frameworks React, Node.JS, Angular(JS), HTTP, SOAP, REST
Software & Tools PostgresSQL, Android Studio, Google Cloud,Git

INTERNSHIP EXPERIENCE

Data Science Intern, EasyTech (Mumbai)   *May'20 – Aug'20*

- Developed queries using Machine techniques like classification algorithms, regression, decision trees and clustering on large student dataset and reduced query load time by 10%
- Analyzed student data using web scraping technique and SQL tables to gauge students learning weaknesses and identify student learning patterns

Business Analyst Intern, Infinitech Solutions (Mumbai)   *May'19 – Aug'19*

- Conducted market research & focus group studies to study consumer behavior and assisted teams responsible for customer segmentation, product proposition, inventory management, logistics & delivery
- Monitored revenue and users, mined voluminous data for insights into target audience, operations efficiency & process flow. Used SQL for business analytics using databases of application information
- Developed data visualization skills and was able to clearly articulate the data insights.

Machine Learning & Computer Vision Intern, Nevim Analytics (Jakarta)   *Jun'18 – Aug'18*

- Refined facial recognition algorithm built on C++ and Java to utilize incremented angles for precision
- Abbreviated software crashes by up to 80% through cleaning program of underutilized imports, print statements, and limiting one face detector at a time
- Engineered and trained Python based eigenface method of amended facial detection

Web Development Intern, Sindhen App (Jakarta)   *Jun'16 – Aug'16*

- Devised and executed strategy to reduce load times by 20% by analyzing and overhauling front-end in Angular.js
- Increased web traffic by an average of 2000 visitors per week through Search Engine Optimization
- Automated the handling of media imports and data, reducing over 40 hours of manual work

EDUCATION

California State University East Bay   *Expected Dec'21*
B.Sc. Computer Science

PROJECTS

Personal Blockchain (Kotlin/Python)(2021): Two different blockchains, one made with Kotlin and one with Python. Python version accepts transactions and allows mining of new blocks
Github Visualizer (Go) (2021): Go based CLI Command that generates visual graph of git contributions. Scans local repositories and then generates a graph
Discord Alarm Bot (Node.js) (2020): Discord Bot that allows user to set time based pings with a message or reason. Helpful to prevent getting sidetracked while working.
Photo Sharing Android App (Java) (2020): Built using Android Studio and Java. Allows user to take a photo and then provide descriptions and share photo on social media

ADITIONAL INFORMATION

- **Hackathons:** Attended SF Hacks 2019 and SF Hacks 2020
- **Tech Club 2014 to 2016:** Created a Library Catalog System for Orphanage
- **Mobile Development and Maya Modeling:** Creating apps in Swift that interact and fetch data from web servers and then respond to user queries
- **Courses:** Machine Learning, Artificial Intelligence, Data Structures and Algorithms , Computer Networking, Mobile Development