# Ruchit Dhoka

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## TECHNICAL SKILLS

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

## INTERNSHIP EXPERIENCE

**Data Science Intern, EasyTech Innovations Pvt. Ltd. (Mumbai)**                    *May'20 – Aug'20*
- Assisted development team of e-learning platform and implemented Machine Learning techniques such as classification algorithms, regression, decision trees and clustering on large student datasets
- 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 Pvt. Ltd. (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 ability to clearly articulate the data insights both verbally and in writing

**Machine Learning Intern (Computer Vision), Nevim Analytics (Jakarta)**                    *Jun'18 – Aug'18*
- Optimized company facial recognition algorithm (C++, Java) to utilize increased angles for improved accuracy
- Reduced software crashes by up to 80% by cleaning program of unused imports, print statements and only using one face detector at a time
- Implemented Python based eigenface method of improved facial detection

**Web Development Intern, Sindhen App (Jakarta)**                    *Jun'16 – Aug'16*
- Improved page load time by 20% by rewriting front end in Angular.JS
- Increased web traffic by an average of 2000 visitors per week through Search Engine Optimization. Gained experiences in (HTML, CSS, Angular.JS)

## EDUCATION

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

## PROJECTS

**Banking Account Management using C++** (2019): Developed a password protected bank Account Management System in SQL Data base
**MIPS Assembly Calculator** (MIPS Assembly) (2018): Coded User Interface with basic and advanced calculator functions and Mem Functions
**Running Man Game (**Java) (2015): LITIengine built game with custom graphics and user inputs programmed with collision detection
**IOS IMDB App (**Swift) (2015): Built on OMDb API to let users search for any movie on IMDB and return any user queries and requests

## ADDITIONAL 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
- **Computer Projects:** Computer Vision Facial Algorithm Research for Government and Consumer Base