

RUCHIT DHOKA

rdhoka@hotmail.com | Hayward, CA

+1 (510) – 415 – 7826 • [ruchitd.github.io](https://github.com/ruchitd) • [linkedin.com/in/ruchit-dhoka](https://www.linkedin.com/in/ruchit-dhoka)

EDUCATION

California State University East Bay

Expected May 2021

B.Sc. Computer Science

EXPERIENCE

Nevim Analytics

June 2018 – August 2018

Machine Learning Intern (C++, Java, Python)

- Optimized company facial recognition algorithm 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 facedector at a time
- Implemented Python based eigenface method of improved facial detection

Sindhen App

June 2016 – August 2016

Web Development Intern (HTML, CSS, Angular.JS)

- 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

SKILLS & ABILITIES

Programing Languages C++, Java, Haskell, Python, HTML, CSS, Go-Lang, Swift

Frameworks React, Node.JS, Angular.JS

Software & Tools Git, SQL, Android Studio

PROJECTS

Banking Account Management (C++)

May 2019 – June 2019

- Bank Account Program with a password protection security system
- Features include, UI based program with account creation, modification, storage and retrieval in SQL Database

MIPS Assembly Calculator (MIPS Assembly)

June 2018 – August 2018

- Calculator with working GUI built with ASCII. Each button has a number assigned. Each number calls to its respective calculator function depicted on the button
- Features all basic calculator functions in addition to trigonometry, exponential functions and inverse functions

Running Man Game (Java)

March 2015 – April 2015

- Video Game implemented with LITEngine.
- Features visible player avatar that navigates via usage of arrow keys to dodge obstacle sprites
- Programmed to check for (X,Y) coordinates hitbox intersection between player avatar and enemy sprite