CHELSEA FERNANDES

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Passionate third-year Computer Engineering student seeking internship for Summer 2021.

EDUCATION

SANTA CLARA UNIVERSITY

B.S. IN COMPUTER SCIENCE AND ENGINEERING (2017- SPRING2021)

GPA: 3.409 (APRIL 2020)

WORK EXPERIENCE

Undergraduate Research Assistant (SEPT 2019- PRESENT)

Santa Clara University

- Partnered research with Varian Medical Systems to develop a machine learning algorithm to detect the presence of contrast agents in brain MRI scans.
- Preprocessed data and analyzed classification algorithms.

Robotics Systems Lab Intern (JUNE - SEPT 2019)

Santa Clara University

Body text

- Wrote the software for a waterproof sensor package to deploy in local rivers
- Designed an interface in Arduino Code/C++
- Researched agricultural sensor applications

Audio/Visual Team Member (AUG 2019-MAR 2020)

Holy Spirit Church - Fremont, CA

- Controlled visual slides for daily masses
- Deploy live recordings onto Church website page

PROJECTS

COURSEMATE.COM

- Currently building a website platform for students to find course reviews and resources
- Built with Django frameowrk (Python), HTML, CSS, SQLite
- Github repo: Coursemate

Bookstore Database

- Built a bookstore website simulation - buy items, check prices, calculate total
- Built with Oracle SQL, PL/SQL, HTML, CSS
- Github repo: Bookstore-Database-Project

SKILLS

PROGRAM LANGUAGES

- C, C++

- PYTHON

- HTML, CSS

- ORACLE SQL, PL/SQL

- MATLAB

OTHER

- DEBUGGING

- VERSION CONTROL: GIT, SVN

- COLLABORATIVE

- STRONG WORK ETHIC

- LINUX

- MICROSOFT OFFICE

- MAYA - 3D MODELING

RELEVANT COURSES COMPLETED

- DATA STRUCTURES

- LOGIC DESIGN (STATE MACHINES, LOGIC GATES)

- ARTIFICIAL INTELLIGENCE (CLUSTERING, CLASSIFICATION)

- DATABASE SYSTEMS

- ELECTRIC CIRCUIT ANALYSIS

- OPERATING SYSTEMS

- ALGORITHMS

- COMPUTER ARCHITECTURE