SHRISTI CHITLANGIA

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INTERESTS

- Proactively conduct language and behavioral analysis of special needs
- Mobile and Web Development to make software more accessible
- Interested to meet new people, experience different cultures, and encounter new perspectives

SKILLS

- **Languages:** Java, C++, C, Python, JavaScript, Dart, SQL
- **Tools/API**: Flutter, React Native, GitHub, Node.js, SQlite, Firebase, WordPress, Drupal, Linux/Windows OS, AutoCAD
- **Soft Skills:** Interpersonal Communication, Problem Solving, Strong Work Ethic, Team Work, Fluent in Spanish and Hindi

EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN
NATURAL SCIENCES | AUSTIN, TX | 2023

- BS in Computer Science
  - Minor: Disabilities and Business
- Cum GPA: 3.53 / 4.00
- Major GPA: 3.62 / 4.00
- **Relevant Courses**: Machine Learning, Computer Architecture, Data Structures, Linear Algebra, Operating Systems, Behavioral and Emotional Intelligence

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEERING INTERN
SRIJAN TECHNOLOGIES | REMOTE | MAY - AUG 2020

- Single-handedly developed a cross-platform news app laying out the base work for the app dev team
- Introduced new design concepts and ideated on functionalities that could improve the user experience
- Worked with Drupal Content Management System to better analyze content usage and server queries

COMPUTER SCIENCE INSTRUCTOR
JUNI LEARNING | REMOTE | MAY 2020 - PRESENT

- Inspired elementary to high school students to learn the importance of coding and discover possible applications through integrative projects
- Taught 1-1 lessons in Java and Python 1x - 2x a week

AUTONOMOUS ROBOTS JUNIOR RESEARCHER
FRESHMAN RESEARCH INITIATIVE | AUSTIN, TX | JAN - MAY 2020

- Collaborated with 2 others to conduct real-time identity tracking of people with a 58.79% accuracy using Darknet YoloV3 and Deepsort
- Had a marginal improvement rate of 10% in regards to occlusion

PROJECTS

SHARDHA SHINKARA SEVA APP
INDEPENDENT| JUL - AUG 2020

- Led the development of a cross-platform app with a friend to help field workers in India provide COVID-19 relief to villages
- Completed the project and launched it to the Google Play Store
- Currently testing and modifying the development for IOS devices

HANDWRITING DETECTION MODEL
INDEPENDENT | PRESENT

- Developing a model to recognize handwritten digits and text using Neural Networks and Deep Learning
- Goals includes performing sentiment analysis on the translation

PICTURETHIS!
TEXAS CONVERGENT | JAN - MAY 2020

- Collaborated with a team of 5 to develop a cross-platform app highlighting local areas of attraction
- Lead front-end designer and developer; implementing concepts and designs to better improve the UX/UI

LEADERSHIP & AFFILIATION

FREETAIL HACKERS
CORPORATE RECRUITER | JAN 2020 - PRESENT

- Responsible for reaching out to companies to secure annual sponsorship for HackTX (24 hour hackathon) - secured CDK Global and Google
- Currently coordinating SummerHacks (12 week hackathon) with over 500 participants and 50 mentors worldwide

HINDU HERITAGE YOUTH CAMP
CAMP COUNSELOR | JUN - AUG 2019

- Trained over 21 hours throughout 7 weekends developing cultural educations and interacted with more than 100 elementary/middle school students
- Engaged in more than 100 hours of service