



## CONTACT

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diresh-shrestha

## SKILLS

### Programming

Python  
Java  
JavaScript

### Back-End

GraphQL  
NodeJs

### Deployment

GitHub  
Netlify  
Gatsby Cloud

### Front-End

HTML/CSS  
React  
Gatsby  
Redux

### Database

MongoDB  
Mongoose

## AWARDS RECEIVED

- Proven Achiever's Scholarship
- Engineering Diplomats Scholarship
- Phi Theta Kappa Award

# DIRESH SHRESTHA

## SOFTWARE ENGINEER

## WORK EXPERIENCE

### Front-End Web Developer Intern at EMURGO, Tokyo

Aug 2019 - Sep 2019

**Tools:** HTML, CSS, JavaScript, React, NodeJs

**Objective:** Update the landing page for Yoroi Wallet, a light wallet for the ADA cryptocurrency

- Updated the landing page for Yoroi Wallet using React
- Contributed 100+ commits and 20+ pull requests

### Undergraduate Research Assistant at Advanced Particle Detector Laboratory, Lubbock

May 2019 - Aug 2019

**Tools:** Python, ScikitLearn, Keras, Tensorflow, Pandas, OpenCV

**Objective:** Research and develop deep learning algorithms to train a gantry robot to independently assemble hexagonal modules

- Collected and pre-processed data using different machine learning tools
- Collaborated with other undergraduate researchers to train and test different machine learning algorithms

## PROJECTS

### Omission Project (omissionproject.com)

Landing page for the Omission Project storefront

**Tools:** React, Gatsby, GraphQL, Hooks, Shopify

**Mission:** organize a community to engage with journalism and celebrate the work of individuals in the field.

- Worked as a Front-End Web Developer as part of the Omission project team and
- Designed and built the website using React + Gatsby

### Raider Matcher

A Discord bot for college students

**Tools:** NodeJs, DiscordJs, MongoDB, Mongoose

**Mission:** Solve the problem of forming teams online post-pandemic.

## EDUCATION

### Texas Tech University

Bachelor of Science in Computer Science | Aug 2018 - May 2019

GPA: 3.7