

# Bala Akshay Reddy Allam

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## EDUCATION

### University of California, Irvine

BS IN COMPUTER SCIENCE

Irvine, CA

Sep 2017 – Jun 2021

## EXPERIENCE

### ARTEM

BACK-END WEB DEVELOPER

Irvine, CA

Mar 2018 – Sep 2018

- Managed and oversaw the back-end web development process for the ARTEM web application
- Utilized modern software tools and frameworks such as Django and Git to build, maintain, and deploy the application
- Integrated AWS and PostgreSQL into the application allowing for an industry standard server and database configuration

### Information and Computer Science Student Council (ICSSC)

STUDENT EVENTS COMMITTEE

Irvine, CA

Jan 2018 – Present

- Planned biweekly events for computer science students to collaborate on new ideas and socialize
- Events included: Alumni Panel & Faculty Q&A, Mini Hackathon, Beach Bonfire, Boba Fundraiser, Big Bear Retreat
- Hosted multiple workshops on: The Technical Interview, Web Development - HTML5, CSS3, Javascript

### Blockchain at UCI

ACTIVE MEMBER

Irvine, CA

Jan 2018 – Present

- Attended the Women in Blockchain Summit, where leaders of various companies discussed their use of Blockchain
- Learned about NEM, ETH, HyperLedger, NEO through workshops

### Artificial Intelligence at UCI

ACTIVE MEMBER

Irvine, CA

Oct 2017 – Present

- Learned about Neural Networks and TensorFlow
- Networked with other AI enthusiasts and UCI graduate students

## PROJECTS

### DiroText

Python, Flask, Twilio, Google & HERE APIs

A WEB SERVER THAT ALLOW USERS TO RECEIVE NAVIGATION DIRECTIONS VIA SMS WITHOUT WIFI OR MOBILE DATA.

<https://github.com/hbdch/DiroText>

### fastscan.ai

Python, fast.ai, Paperspace, Flask

A QUICK AND EASY WAY TO INSTANTLY DIAGNOSE ALL STAGES OF SKIN CANCER WITH THE SNAP OF A PHOTO.

<https://github.com/chaitu65c/fastscan.ai>

### Tic-Tac-Toe AI

C++

A SINGLE-PLAYER TIC-TAC-TOE GAME IN WHICH THE HUMAN PLAYER CAN ONLY TIE OR LOSE TO THE COMPUTER. THE COMPUTER'S AI IS CONSTRUCTED USING THE MINIMAX ALGORITHM.

### Othello

Python

A MODERN, TWO-PLAYER VERSION OF THE GAME, REVERSI.

## AWARDS

April 2018

**Best Use of Twilio API**, Built a web server that allow users to receive navigation directions via SMS without WiFi or mobile data.

Citrus Hack

## SKILLS

**Programming Languages:** Python, C++

**Web Development:** HTML5, CSS3, JavaScript, jQuery, Django, Flask

**Additional:** PostgreSQL, Linux, Microsoft Office, Google G Suite