Bala**Akshay Allam**

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EDUCATION

University of California, Irvine   *Irvine, CA*
BS IN COMPUTER SCIENCE   *Sep 2017 – Jun 2021*

EXPERIENCE

ARTEM   *Irvine, CA*
BACK-END WEB DEVELOPER   *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)   *Irvine, CA*
STUDENT EVENTS COMMITTEE   *Jan 2018 – Present*
- Planned biweekly events for computer science students to socialize and collaborate on new ideas
- Events included: Alumni & Faculty Q&A Panel , Mini Hackathon, Beach Bonfire, Big Bear Retreat
- Hosted multiple workshops on web development technologies such as HTML5, CSS3, & JavaScript

Blockchain at UCI   *Irvine, CA*
ACTIVE MEMBER   *Jan 2018 – Present*
- Attended the Women in Blockchain Summit, where leaders of various companies discussed their use of Blockchain
- Participated in workshops taught by blockchain developers, learning about NEM, ETH, HyperLedger, & NEO.

Artificial Intelligence at UCI   *Irvine, CA*
ACTIVE MEMBER   *Oct 2017 – Present*
- Learned about Neural Networks and TensorFlow.
- Networked with other AI enthusiasts and UCI graduate students

PROJECTS

DiroText   *Python, Flask, Twilio API, Google &*
                                                                                                              HERE Direction APIs
A WEB SERVER THAT ALLOWS 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 WAS CONSTRUCTED USING THE MINIMAX ALGORITHM.

Othello   *Python*
A MODERN, TWO-PLAYER VERSION OF THE BOARD GAME, REVERSI.

AWARDS

April 2018   **Best Use of Twilio API**, Built a web server that allow users to receive navigation directions via SMS   *Citrus Hack*
                without WiFi or mobile data.

SKILLS

Programming Languages: Python, C++
Web Development: HTML5, CSS3, JavaScript, jQuery, Django
Additional: Flask, PostgreSQL, Linux, Microsoft Office, Google G Suite