

# Kan Dang

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## Experience

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### Ultimate Software / Software Engineer

September 2019 - Present, Santa Ana

- Triage JIRA tickets with ability to document, articulate, and provide resolution
- Develop and construct front end of team's internal website
- Implement internal JavaScript tool to improve processes of team's daily operations
- Proficiency in writing SQL queries, deciphering complex SPs, and running SQL traces via Profiler
- Utilized Visual Studio and Chrome Tools to debug web applications

## Projects

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### Messenger Clone / Developer

Fall 2020

- React application deployed using Firebase mimicking the functionality of Facebook Messenger including sending and reading messages
- Stored messages in in real-time database, Cloud Firestore

### Todo List Application / Developer

Fall 2020

- Todo list application implementing GET, PUT, POST, and DELETE operations
- Written using Node.js, jQuery, and Bootstrap to interact with MongoDB

### Reversi Board Game & Artificial Intelligence / Developer

Spring 2016 & Spring 2017

- Python implementation of the full game with variable sized grid and graphical interface
- C++ implementation of AI that placed in the top 30% in a tournament of 250 entries

### Spell Checker Application / Developer

Spring 2017

- C++ algorithm that checks a word against 60,000 entries
- Word dictionary organized using the data structures: AVL Tree, Binary Search Tree, and Hash Table to compare efficiency

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## Technologies

HTML, CSS, SQL, JavaScript, SQL, MongoDB, Firebase, Python, C++, Java, Git, JIRA

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## Education

**University of California, Irvine**

2015-2018

BS Software Engineering & BA Sociology

GPA: 3.5, Dean's Honor List

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## Activities

Culture Shock Los Angeles - Dancer (2018 - Present)

The Corps Dance Crew - Dancer (2016 - 2018)

Kaba Modern Kids - Board of Directors (2011 - 2015)