

# Kan Dang

<https://github.com/kandaaang>

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<https://kandaaang.github.io/kan-dang-website/>

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**BS Software Engineering & BA Sociology**  
University of California, Irvine  
GPA: 3.5, Dean's Honor List  
September 2015 - September 2018

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## Skills

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Languages: Python, C++, Java, SQL

Operating Systems: Windows, MacOS, Android, iOS, Linux

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## Coursework

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Data Management with MySQL	Requirements Analysis & Engineering
Boolean Algebra & Logic	Data Structures & Analysis
Computer Networks	Design and Analysis of Algorithms

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## Work 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
- Proficiency in writing SQL queries, deciphering complex SPs, and running SQL traces via Profiler
- Utilized Visual Studio and Chrome Tools to debug web applications

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## Projects

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### IBM Watson Virtual Assistant Application / Developer

Spring 2018 - Summer 2018

- Worked with external stakeholders to design and develop artificial intelligence platform to recommend insurance to potential customers
- Designed the pathways and implemented keywords triggering program's response

### 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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## Activities

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Culture Shock Los Angeles - Dancer (2018 - Present)  
The Corps Dance Crew - Dancer (2016 - 2018)  
Kaba Modern Kids - Board of Directors (2011 - 2015)