

# JIACHEN NIU

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## EDUCATION

### B.S. in Computer Science

📅 Sep 2017 – Present

📍 University of California - San Diego

## WORK EXPERIENCE

### Computer Science Course Tutor - Computer Networks & Systems (2 terms)

#### University of California - San Diego

📅 Jan 2021 – Present

📍 La Jolla, CA

- Hold weekly office hours to help students with project related questions for a student body of over **150** and **200**.
- Answer questions on course materials on Q&A forums like Piazza.

### Software Engineering Intern

#### Oracle Corporation

📅 Jun 2020 – July 2020

📍 Redwood Shores, CA

- **Designed** and **implemented** a generic automation framework for deploying containerized **Oracle Fusion Middleware** products in **K8S** clusters.
- Learned **Golang** and **Terraform**. Experiences working on **Oracle Cloud**.

## TECHNICAL SKILLS

Java   C   C++   Golang   HTML/JS/CSS   Python   SQL   Terraform   Shell Script  
Git   VirtualBox VM   VMWare   Docker   Kubernetes   Jupyter Notebook

## RECENT PROJECTS

### Vocabulary Tracker (Golang, HTML, JS, JSON)

#### github.com/Hackerry/Vocabulary\_Tracker

📅 Dec 2020 – Present

- A web application that helps language learners to **learn** and **manage** new vocabularies.
- Uses **Golang** as the backend. Vocabularies and definitions are dynamically obtained from Merriam Webster Collegiate Dictionary API.

### Graph Searching Algorithms Simulator (JavaFX)

#### github.com/Hackerry/Simulators

📅 Dec 2019

- Used to visualize the process of finding the shortest path between two points using 5 graph searching algorithms - Greedy, DFS, BFS, Dijkstra, A\*.

## MORE ABOUT ME

I'm a blog writer (hackerry.github.io/Blog/Blog\_Main.html), beginner piano player (6 months) and gamer (mostly Minecraft).