

Ziliang Zhang

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Objective

Seeking a part-time job in IT/education fields starting in Spring 2022

Education

Electrical and Computer Engineering, Doctor of Philosophy (On-Going)

University of California, Riverside

Present (on going)

Computer Engineering, Master of Science

University of California, Riverside

Sep 2019 - Mar 2021

Cognitive Science with Specialization of Human-Computer Interaction, Bachelor of Science

University of California, San Diego

Aug 2015 - Mar 2019

Work Experience

FullStack Engineer @ Verizon

Feb 2022 - present

Developed and Maintained Microservices in OMNI360/B360 team. Programmed Spring Framework, Angular, SQL and followed agile methodology in a CI/CD Pipeline

Java FullStack Developer @ Marlabs, Inc.

Jul 2021 - Feb 2022

Provided professional solutions for clients like Hilton, Vertafore. Responsible for upgrading web services and implement more RESTful APIs on basic infrastructure.

Teaching Assistant @ Dr. Beth Simon, UCSD

Sep 2018 - Mar 2019

Program educational python and java during EDS 124BR, and construct fully tested courses

Frontend Designer and Developer @ Bidround System LLC

Jun 2018 - Sep 2018

Use Sketch to create interactive low/high fidelity prototypes with components that are more natural to users' cognition flow.

Project Experience

Graduate Project OpenRPT

Sep 2020 - Mar 2021

Lab researcher @ Extreme Storage and Computer Architecture Lab, University of California, Riverside

"On Construction and Application of High-Definition(HD) Maps"

Sep 2020 - Dec 2020

Co-author, editor @ University of California, Riverside

Pacman Project AI algorithm

Sep 2019 - Dec 2019

Team Member UC Berkeley AI projects

When2Buy Co-op Smart Shopping List

Jan 2018 - Mar 2018

Lead Developer @ University of California, San Diego

Technical Skills

- **Programming Language:** Python, Java 8/11, C/C++, Swift
 - **Hardware:** CUDA C, Single Board Computer Application, Edge TPU, AVX Instructions
 - **Machine Learning:** Tensorflow, OpenCV, PyTorch, MATLAB
 - **Industry:** Spring Framework, AWS SDK, SQL and NoSQL Database, HTML, CSS, Javascript, Figma, Sketch, Node.js, Angular.js, Apache Kafka
 - **Frontend Design:** FinalCut, illustrator, Sketch, Photoshop, Figma
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Honors and Awards

- GSA Scholarship, UCR
- Honorable Project awarded by Dr. Amr Magdy
- UCSD Provost Honor
- UCSD Provost Honor

Spring 2022
Winter 2020
Fall 2018
Fall 2016