

Shuo Wang

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WORK EXPERIENCE

Nanjing Fujitsu Nanda Software Technology Co., Ltd.

Jul. 2021 – Sep. 2021

Software Development Engineer

Nanjing, China

- Learned about Internet of Things and fundamentals of Time Series Database
- Developed a cross-platform mini-program for Livotal Ring using Taro.js with embedded React.js
- Implemented multiple data visualization techniques to track users' health status and minimized overall program size
- Utilized local cache provided by WeChat mini-program to avoid redundant server-side requests
- Solved time-zone inconsistency issue by introducing unix timestamp when designing APIs
- Tested and debugged APIs through Postman with workmates
- Programmed using Typescript, Taro.js

PROJECTS

Tourts Web Application (Full-Stack)

Jan. 2022 – Mar. 2022

Full-stack Developer

- Lead a team of 5 students: organized meetings, proposed data schema and overall application structure
- Developed a MERN-stack based client/server application for college students to find nearby tennis players
- Implemented registration and login systems with corresponding CRUD operations on MongoDB via Node and Express
- Integrated multiple libraries for form validation and HTTP request encapsulation, and provided templates for teammates to use
- Programmed using Javascript, React.js

GoGauchoGold Web Application

Apr. 2020 – Apr. 2021

Front-end Developer

- Designed GoGauchoGold webpage and restructured original static webpage using Vue.js and Vuetify
- Developed course enrollment arrangement system to help students find the most suitable schedule
- Implemented dynamically displayed cafeteria menu using APIs provided by the IT department of UCSB
- Programmed using Typescript, Vue.js

EDUCATION

University of California, Los Angeles

Expected in Jun. 2023

B.S. in Computer Engineering

- **GPA:** 3.982/4.000
- **Coursework:** Data Communications and Telecommunication Networks, Systems and Signals, Computer Organization, Software Construction, Computer System Architecture
- **Organizations:** Tutoring Chair of Tau Beta Pi Engineering Honor Society at UCLA, UCLA IEEE
- **Honors and Awards:** Dean's List

University of California, Santa Barbara

Aug. 2019 – Jun. 2021

Transferred to UCLA

- **Coursework:** Problem Solving with C++, Data Structures and Algorithms, Object Oriented Design, Discrete Math, Analog and Digital Circuits, Digital Design Principle
- **Organizations:** UCSB IEEE, GoGaucho Developers, Coders SB
- **Honors and Awards:** Engineering Honors Program, Dean's List

SKILLS

Programming Languages : C/C++, Python, JavaScript/TypeScript (React.js, Vue.js), HTML/CSS, Verilog, MATLAB

Tools : Git, Linux, Windows, LTspice, SVN, Solidworks, Altium Design, Arduino