

C/L

Chunao Liu

Profile

Undergraduate Student at Purdue University – West Lafayette campus. Majoring Computer Science with Software Engineering and System Programming Focus. Have many experiences in Cross-platform mobile app development or native IOS app development.



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GitHub

<https://github.com/aNewbieProgrammer>

Proficient Languages

Java, C++, C, Python, Swift,
JavaScript, MySQL,
MongoDB

Proficient Framework

Django, React, React Native

Proficient Tools or Platforms

Git, AWS, GCP, Firebase, Jenkins

MY PROJECTS

Pow-Wow: An Online on-demand IOS Consulting App

- Allow business to find online consultant for paid consulting
- Responsible for full Front-end and Back-end design and implementation
- Managed to use Swift to implement front-end and Firebase as the back end, proficient with FirebaseAuth, FirebaseDatabase, etc.

Chunao's home: My React Portfolio

- A currently in-production React based web-portfolio
- Involving react style HTML and CSS / SCSS development, using function component as basic framework
- Basic web animation with HTML transition, animation and webkit transformation.
- Integrating npm modules such as ityped, vertical-timeline, mui-material icons, etc.

Whiteboard: CS307 Mobile IDE project featuring OCR scanner

- Leader/Scrub Master of the project
- A Cross-Platform Mobile IDE that allows the user to either type or upload a picture of printed / hand-written code, auto detect the programming language of the code, compile the code, use OpenCV to highlight the error from the stack trace or terminal output.
- Responsible for Back-end networking API development, MySQL data structure implementation, AWS-EC2 instance setup and management, Apache Server setup, Jenkin CI/CD setup and maintenance.
- Planning weekly objective for each teammate and monitoring the progress as a leader

EDUCATION

August 2018 • Pennsylvania State University – Computer Science Major
August 2019 - 2022 • Purdue University – Computer Science Major
Continued good Academic behavior with a GPA of 3.83 in CS courses
Expected Graduation date: December 2022 at Purdue University

OBJECTIVE

- An internship to work on Cloud Server, Software back-end or full-stack

KEY SKILLS AND CHARACTERISTICS

- Leader of all academic projects
- Have great passion in Software and System Programming
- Participated in 2021 MCM mathematic modelling competition (Paper link in GitHub)