Jianhui Chen

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PROJECTS

Weather App
Displays the weather forecast in the next 23 hours and next 6 days

- Back end: PostgreSQL Database + Node.js + Heroku. Provides geolocation and city name for the ZIP code requested by the user.
  - In case of database down time, uses Zipcodebase API as an alternative to provide the information as needed.
- Fetches the weather information with ZIP code geolocation from OpenWeather API.
- Front end: HTML + CSS + JavaScript. Will ask user for location access to get the weather in which the user is located. If location access is denied, the app will display the weather in Los Angeles by default.

Franky Zhang Design Portfolio
A website I build for my friend to save money from expensive hosting website.

- Uses Bootstrap 4 for a responsive navigation bar.
- Creates a series of customized CSS class specially for Franky's ideal layout.
- Takes advantage of Github-pages to host the website for free.
- Will be using Bluehost for the DNS service.

EXPERIENCES

CUNY Tutor Corps - *Beam Center Counselor*
Assigned to work with Beam Center during summer due to pandemic

Jul 2020 - Aug 2020   New York, NY

- Coded the Arduino board using C++ to control electronic parts including servo motor, photoresistor, piezo and etc.
- Built wearables with recyclable materials and also built the circuitry that can perform different functionalities.

Queens College CS Dept. - *College Assistant*

Feb 2020 - Jun 2020   New York, NY

- Tutored students with different challenges to learning Data Structures, Algorithms, and Object-Oriented programming.
- Successfully analyzed and debugged code written by some different individuals.

ACTIVITIES

Software Engineer Boot Camp

NYC Jobs CEO Council   Jan 2021 - Feb 2021

- An intensive five-week Boot Camp immerse learners in a 100-hour online development environment and is led by Software Engineering Industry experts and Instructors.
- Learned front end technical skills includes HTML, CSS, Bootstrap, and JavaScript.
- Deployed a node.js server with Express frame and PostgreSQL on Heroku.

Android Software Development Fellow

CodePath.org   Feb 2021 - Present

- A semester-long course, an intense and project-focused Android training.
- Learn to design and build apps for any Android device with Android Studio.
- Start building skills through projects using the APIs of popular apps such as Twitter and Instagram.

EDUCATION

Queens College, CUNY

Aug 2018 - May 2022 (expected)   Queens, NY

Major: Computer Science - BS
Overall GPA: 3.925 / **Major GPA:** 3.958

Academic Awards:
Dean's List | Featured | 2018 - Present
Provost's Award | Featured | 2019
Presidential Scholar | Featured | 2020

RELEVANT COURSE

- Object-Oriented Programming in C++ & Java
- Computer Organization & Assembly Language
- Internet and Web Technologies
- Data Structure & Algorithm
- Software Engineering
- Database Systems

SKILLS

Programming Languages

- Java
- JavaScript
- Python
- C++

Tools

- Eclipse
- Visual Studio Code
- IntelliJ IDE
- MySQL
- Oracle
- PostgreSQL
- Git

SCHOLARSHIP

Peter F. Vallone Academic Scholarship

Jun 2018

Formally known as the New York City Council Merit Scholarship, which rewards New York City high school graduates who have proven their ability to succeed academically while they were in high school.