

Design Document:

*Project description

Sometimes when you are replying a job, the application website will ask for personal website. This project is Ke Chen' s website for professional use when looking for software engineer related internship/full-time job. It shares her resume, previous experiences, projects and contact information. It also linked with google Firebase to track number of views and user' s locations.

* User Personas

Ke Chen, the web owner and job seeker

Web class classmates

HR or recruiter

* User stories (use cases but with a story)

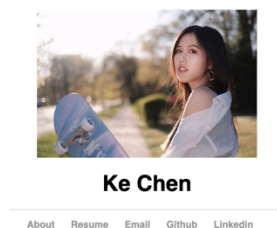
As a job seeker, Ke Chen wants to show her resume and previous experiences on this website.

As a recruiter, I want to know Ke' s related experiences and skills that match this job.

* Design mockups

1. Firstly go to <https://kechen97.github.io/>

The home page will be Like:



2. Click About, it will bring user to About Me, Experiences, and Projects section

About me



Hi! I'm Ke Chen.

- A graduate student from Northeastern University majored in Computer Science.
- Experience on both frontend and backend development of web application
- Good understanding on both data structures and algorithm
- Great passion on learning new technologies and solving ambiguous problem



Experiences & Education

AECAI

San Francisco CA

Full-Stack Engineer

November 2021 - Present

- Developing a web frontend pages with ReactJS, database with MySQL, and backend APIs by Spring Boot
- Delivered a scoring system for residential building layouts produced by Generative Adversarial Networks (GANs), responsibilities including product design and functionality implementation with Python
- Tech Stack : **ReactJS** **Python** **SpringBoot**

M.S. in CS at Northeastern University

San Francisco CA

GPA: 4.0/4.0

January 2022 - May 2024 Expected

- **Related Courses:** Data Structure, Algorithm and Applications, Object-Oriented Design, Web Development, Mobile Application, Database Management Systems

M.S. in Achitecture at Washington University in St. Lous

St. Louis MO

GPA: 3.78/4.0

August 2019 - December 2021

- Related Courses: Data Structure and Algorithms, Computer Science Foundation

Grades: 4.0/4.0

B.E. at Shanghai University

Shanghai, China

Rank: 3/58

August 2014 - June 2029

- Honors: Graduate with honor of Shanghai (5%), Principal Scholarship (5%), Excellent Student (5%)

Projects

YelpCamp Web Application

June 2022 - Present

- Developing a full-stack web application from scratch that helps users to browse and share campgrounds information and reviews
- Implementing RESTful APIs to handle HTTP requests and responses using NodeJS; utilizing MongoDB as primary database; implementing Postman for API test
- Tech Stack : [ReactJS](#) [NodeJS](#) [MongoDB](#)

Voice Bot Web Application

August 2022

- Built a serverless chatbot website which passes speech-to-text input from users to AWS Lex, and generates text-to-speech output about weather information
- Supported backend services with AWS Lambda which is triggered by API Gateway
- Speeded up distribution of web content by using Amazon CloudFront (content network service)
- Created and seeded a database with weather data in DynamoDB, using AWS S3 to store other static content
- Tech Stack : [AWS Lex](#) [AWS S3](#) [AWS CloudFront](#) [AWS Lambda](#) [DynamoDB](#)

Dragon Game

April 2022 - May 2022

- Designed and developed a standalone snake game by Java, achieved one/ two players and easy/ hard mode
- Applied GUI Swing and MVC mode to optimize player's action and visual experience
- Tech Stack : [Java GUI](#) [MVC](#) [OOD](#)

3. Go back to home page and click Resume.

Microsoft Word - KeChen_23Intern.docx

1 / 1 - 75% +

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KE (Kiki) CHEN
Emeryville, CA 94608 | (314) 445-9379 | kuchen@wustl.edu | Looking for SWE Internship
Participant of GRC | Availability: Jan. - May, 2023 (Co-op), May - Sept. 2023 (Summer)

EDUCATION

Northeastern University Master of Science in Computer Science - Align, GPA:4.0/4.0 • Related Courses: Data Structures, Algorithm and Applications, Object-Oriented Design, Web Development, Mobile Application, Database Management Systems	San Francisco, CA Jan. 2022 - May, 2024 Expected
Washington University in St. Louis Master of Architecture, GPA:3.78/4.0 • Related Course: Data Structure & Algorithm, Computer Science Foundation	St. Louis, MO Aug. 2019 - Dec. 2021 GPA:4.0/4.0
Shanghai University Bachelor of Engineering, Ranking 3/58 • Honors: Graduate with honor of Shanghai (5%), Principal Scholarship (5%), Excellent Student (5%)	Shanghai, China Aug. 2014 - Jun. 2019

TECHNICAL SKILLS

Programming Language: Java | C | Python
Web Applications: HTML | CSS | JavaScript | React.js

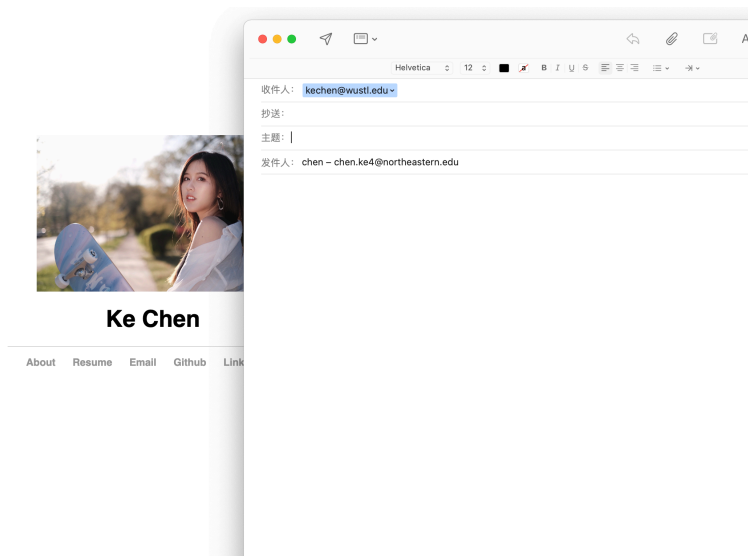
EXPERIENCES

AECAT Full-Stack Engineer • Developing a web frontend pages with React.js , database with MySQL , and backend APIs by Spring Boot • Delivered a scoring system for residential building layouts produced by Generative Adversarial Networks (GANs), responsibilities including product design and functionality implementation with Python	San Francisco, CA Nov. 2021 - Present
Washington University in St. Louis Research Assistant with Prof. Monica Rivers, Chair of Graduate Architecture Teaching Assistant of graduate Comprehensive Studio, graduate International Studio.	St. Louis, MO Sep. 2020 - Sep. 2021 Sep. 2020 - May, 2021

PROJECTS

YelpCamp Web Application • Developing a full-stack web application from scratch that helps users to browse and share campgrounds information and reviews. • Implementing RESTful APIs to handle HTTP requests and responses using NodeJS , utilizing MongoDB as primary database; implementing Postman for API test	Jun. 2022 - Present
Voice Web Application • Built a serverless chatbot website which passes speech-to-text input from users to AWS Lex , and generates text-to-speech output about weather information. • Supported backend services with AWS Lambda which is triggered by API Gateway • Speeded up distribution of web content by using Amazon CloudFront (content network service) • Created and seeded a database with weather data in DynamoDB , using AWS S3 to store other static content	Aug. 2022
Dragon Game • Designed and developed a standalone snake game by Java , achieved one/ two players and easy/ hard mode • Applied GUI Swing and MVC mode to optimize player's action and visual experience	Apr. 2022 - May, 2022

4. Go back to home page and click Email.



5. Go back to home page and click GitHub and LinkedIn, it will bring the user to my GitHub and LinkedIn page.