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
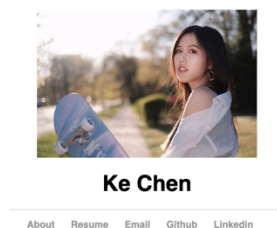HR or recruiter

* 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:

Ke Chen

About   Resume   Email   Github   LinkedIn

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

Java	85%	ReactJS	70%
C	70%	HTML	70%
Python	60%	JavaScript	60%

Experiences & Education

AECAI   San Francisco CA

Full-Stack Engineer   November 2021 - Present

- 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
- 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 Foudation   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.

4. Go back to home page and click Email.

收件人： kechen@wustl.edu ⌄
抄送：
主题： |
发件人： chen – chen.ke4@northeastern.edu

Ke Chen

About   Resume   Email   Github   Link
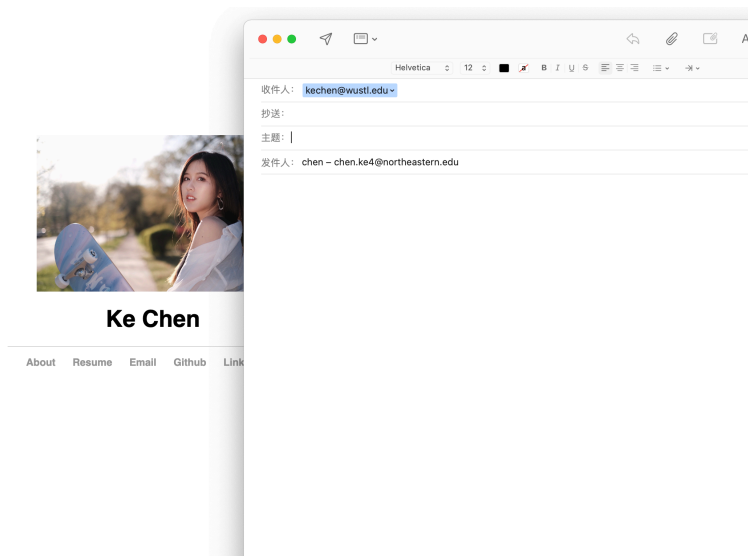
5. Go back to home page and click GitHub and LinkedIn, it will bring the user to my GitHub and LinkedIn page.