

TARANJIT KHOKHAR

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EDUCATION

University of Illinois Urbana
Champaign (UIUC)
B.S. Computer Science and Math
May 2021
GPA: 3.70

SKILLS

- React, Redux, Flask, JavaScript, React Native
- Java, Spring Boot, C++, Python, Dart, Flutter, Android studio, C
- PostgreSQL, MongoDB, Neo4J
- Styled Components for React, HTML, CSS

COURSES

Algorithms & Models of
Computation
Systems Programming
Database Systems
Probability and Statistics in CS
Data Structures and Algorithms
Computer Architecture
Discrete Structures
Software Design Studio
Fundamental Mathematics
Applied Linear Algebra
Differential Equations
Abstract Algebra
Numerical Analysis

HONORS

Dean's List Awardee (Fall 2017)
James Scholar (Spring 2018)

ORGANIZATIONS

Member - ACM
Member - WebMonkeys

WORK EXPERIENCE

Zillow Group, Inc | Software Developer Intern | Seattle | Summer 2019

- Worked on the Rentals Team and created the Building Admin page for Zillow employees to add new buildings and edit attributes, such as the pet policy, number of beds, baths, etc of existing ones, along with adding special promotions.
- An additional feature was using **Redis** cache to update experimental fields in the cache, instead of having a column for them in the database, to gather user feedback efficiently.
- Another additional feature was the ability to preview changes as it would look on Zillow's website while editing the attributes.
- Used **React** and **Redux** and wrote the backend endpoints in **Java** on **Spring Boot** and used **the Jedis** library for Redis to work with the cache.

Fulcrum GT | Software Developer Intern | Chicago | Summer 2018

- Created a web app for people to easily and quickly repeal their property taxes without help from lawyers.
- Property owners need to simply enter their address, and our web app finds all the information about their property that is required to repeal their property taxes and generates a PDF that can be submitted to get their taxes repealed.
- Was solely responsible for creating the backend of the web app in **Python** and the database using **PostgreSQL**.
- Developed the mobile app on **Flutter**.

CS 125 | Course Developer | Champaign | Fall 2018

- Part of a team in charge of creating a smart queue system for office hours wherein as a TA (Teaching Assistant) enters or leaves, the students get reassigned to different TAs to balance the number of students each TA manages.
- Used **React Native** for the required changes to the CS 125 app.

PROJECTS

England Coronavirus Tracker

- Created a web app using **React** to track England's Covid cases.
- It has a Choropleth Map to see numbers by Region and cities inside that region. Displays the graph for that particular area when the cursor hovers over it. It also has a Dashboard and Graphs to display England's Covid trends for confirmed, tested and deceased cases.
- It also has a simulator that you can play around with that uses balls to show how Covid spreads in different scenarios.

Vacation Ready:

- Created a mobile application using **flutter** which generates travel itineraries based on user interests.
- Used **pathfinding** and **Google Places API** to display choices to the end user that will best fit their travel plans.
- Utilizes user feedback to improve recommendations with a location-based push notification system.