Rohit Bhatta

https://rohitbhatta.github.io | 956.207.9637 | rohitbhatta25@gmail.com

EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN | BS in Computer Science

College of Natural Sciences | Expected May 2019 | Austin, TX

Turing Scholars Honors Program • GPA: 3.6 / 4.0

Relevant Coursework:

Data Structures Honors	Algorithms & Complexity Honors	Artificial Intelligence Honors
Discrete Mathematics Honors	Machine Learning/Vision Honors	Software Engineering
Computer Architecture Honors	Big Data Programming	Computer Networks
Operating Systems Honors	Competitive Programming	Probability & Statistics
Data Management	Linear Algebra	Number Theory

EXPERIENCE

FACEBOOK | Software Engineer Intern | Profile Growth

May 2018 – August 2018 | Menlo Park, CA

- Created a new Edit Relationship View on Facebook's mobile app
- Used React Native, PHP, and GraphQL to make the UI aesthetically pleasing as well as query the correct data
- Connected the new view to the About section of the Profile page
- Improved the notification experience by allowing changes in a relationship status to alert the user's partner

ZILLOW | Software Development Engineer Intern | Premier Agent

May 2017 – August 2017 | Seattle, WA

- Applied machine learning algorithms to classify and rank contacts for each agent in Zillow's Premier Agent platform
- Utilized a combination of Python Flask, React JS, and MySQL to build this contact ranking feature
- Created RESTful APIs on the backend using PHP that allow agents to create and update manual tasks
- Built tools for agents to incentivize them to use Premier Agent as their primary resource for contact management

PROJECTS

WEBCRAWLER | Java

- Developed a highly efficient search engine in Java that crawls the Web
- Supports various types of queries: single word, AND, OR, negative, phrase, implicit AND
- Composed of a recursively managed Query Parser for quick lookup time

FACE DETECTOR | MATLAB

- Implemented a Dalal and Triggs multi-scale sliding window detector to recognize human faces
- Trained a linear classifier and added hard negative mining to improve accuracy
- Achieved an average precision of 93%

TIPSYMIX | Python, React, SQL

- Created a website/database that helps people create drinks based on what ingredients they have
- Includes search functionality that returns the most relevant drinks, ingredients, brands, or countries
- Has recipes for cocktails from over 100 different countries

SKILLS

PROGRAMMING

Proficient:

Java • Python • React • React Native • PHP • MATLAB

Worked In:

Javascript • C • C++ • Assembly • HTML • CSS • SQL • GraphQL • Android • Git • LaTeX

ACTIVITIES

CLUBS

Turing Scholars Student Association, Mobile App Development, Chess Club, Intramural Soccer, Table Tennis Club

HOBBIES

Soccer, Chess, Tennis, Table Tennis, FIFA, Badminton