CHIRAG SINGHAL

Software Developer · Engineering Student

Pilani, Rajasthan, India

☐ (+91) 9315800827 | ✉ csinghal208@gmail.com | ⊙ github.com/chirag-singhal | ⓛ https://www.linkedin.com/in/chirag-singhal-389a6a16a/

Education

BITS (Birla Institute of Technology and Science) Pilani
Pilani, India

Bachelor's of Engineering (Hons.) in Computer Science
Aug. 2018 - Present

- Merit scholarship recipient with CGPA of 9.0 out of 10

Work Experience

Major League Hacking
github.com/MLH-Fellowship/

MLH Fellow 2020
June 2020 - Present

- Selected over 20,000 other candidates for the inaugural edition of the program.
- Contributing to React Native Tester App- a react native application for manual and automated testing of the framework's core features using react-native and detox.

AOSSIE (Australian Open-Source Software Innovation and Education)
gitlab.com/aossie

Google Summer Of Code 2020 Mentor
June 2020 - Present

- Mentoring a student to enchance the UI for Agora Web - an online election conducting platform - using AngularJS and add guest users and refresh tokens in Agora Web API - REST API for Agora Web - using Scala, Play Framework.

AOSSIE (Australian Open-Source Software Innovation and Education)
gitlab.com/aossie

Google Code-in 2019 Mentor
December 2019 - February 2020

- Mentored Pre-university students to help them solve technical problems and teach them how to be a part of an open-source community.

Department of Visual Media, BITS PILANI
github.com/dvm-bitspilani

Frontend Developer
Aug. 2018 - Present

- As a team member of the front-end division of the department, I have developed various websites and web applications for the college fests using HTML/CSS, JavaScript, React, Redux, Webpack.

AOSSIE (Australian Open-Source Software Innovation and Education)
gitlab.com/aossie

Google Summer of Code 2019 Student
May 2019 - Aug 2019

- Developed front-end for Agora Web - an online election conducting platform - using AngularJS.
- Added Two factor authentication and removed security concerns in Agora Web API - REST API for Agora Web - using Scala, Play Framework.

Projects

OASIS'19 - Wallet Web App
https://bit.ly/35ptVrf

React, Redux, Firestore

- Developed frontend of the web application to facilitate client-vendor interaction on food stalls present in one of the largest inter-collegiate cultural fests of India.

Double DQN
https://bit.ly/2WUOcDy

Python, Pytorch, Numpy, Gym[atari], Matplotlib

- Implemented Google DeepMind's research paper on Deep Reinforcement Learning with Double Q-learning
- Analyzed the overestimation of DQN and showed that Double DQN improves over DQN both in terms of value accuracy and in terms of policy quality

Skills

Front-end - HTML/CSS, Javascript, AngularJS, React, React Native, Redux, SASS, TypeScript, Webpack
Back-end - NodeJS, ExpressJS, MongoDB, SQL, GraphQl
Programming - C++, C, Java
Dev Tools - Git, Github, Adobe XD