Junaid H. Rahim

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CSE Sophomore at KIIT, Bhubaneswar **Github:** github.com/junaidrahim

Education

Bachelor of Technology (B. Tech) 9.73/10.0
    Computer Science and Engineering, Kalinga Institute of Industrial Technology *2019-Present*

Experience and Open Source Work

International Conference on Learning Representations
Guide: Prof. Alexander Rush, Cornell NLP, Cornell University *March 2020 - April 2020*
- ICLR 2020 was virtual, worked with Prof. Rush's team to build the open source virtual conference portal.
- Implemented backend to manage all the submitted papers via the OpenReview API. (Python, Flask)
- The portal gathered 1M+ page views, 100k+ video watches and 80k+ chat messages
- Website: https://iclr.cc/virtual_2020/index.html, GitHub: https://github.com/ICLR/iclr.github.io

Full Stack Web Developer
Desire Foundation *August 2019 - Present*
- Developed a web based solution to automate and improve the data management process for the sales department. (React, Firebase, TravisCI)
- Working on the next phase of the official website and the blog site. (GatsbyJS, TypeScript, MySQL)

Developer - Web Team
Developer Student Clubs KIIT *September 2019 - Present*
- Developed the web portal to conduct 'devhack' - an online week long hackathon. Implemented a serverless system for registration, login, submissions and judging. https://github.com/DSC-KIIT/devhack
- Developed the website for the techincal fest of DSC KIIT. https://github.com/DSC-KIIT/DevExpo2020

Technical Strengths

- **Programming Languages:** Python, JavaScript, C/C++, Go
- **Development:** React, GatsbyJS, TypeScript, NodeJS, Flask, Echo, Android (Kotlin)
- **Databases:** MongoDB, MySQL
- **Others:** Git, Linux, SQL, CI/CD, Docker, Microsoft Azure, Firebase, LaTeX

Key Projects

Plothole - AI powered Pothole Reporting
Smart India Hackathon, 2020 *December 2019*
- Developed an end to end AI powered pothole reporting system. Photos of potholes clicked by citizens are classified by CNN's (VGG-16) to determine validity and severity. https://github.com/teambitflip
- Implemented android app, web dashboard and cloud infrastructure (Kotlin, React, Flask, Redis, MS Azure)

Program Homework Solver
Lagrange Interpolation in C++ *Dec 2018*
- Implemented **Lagrange Interpolation** in C++ to generalize the function from the first few terms of a series and generate source code to print till the nth term of that series.
- https://github.com/junaidrahim/program-homework-solver

Extracurriculars

Content Writing, Stock Trading, Volunteer work with Desire Foundation to help underprivileged children secure admissions in private schools under RTE Section 12(1)(c)