Rahul Baid

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
BComp in Computer Science, Minor in Statistics
Expected May 2021

GEORGIA INSTITUTE OF TECHNOLOGY
Exchange Program
Jan 2020 - May 2020

GEMS MODERN ACADEMY
Dubai | Apr 2010 - Apr 2017
GPA: 98.75% (Grade 12) which was in top 0.1% in All-India and 93.4%(Grade 10) in CISCE. Won **Big Idea Middle East Education Awards** under "Exceptional Achievers" category

LINKS
LinkedIn:// **rahul-baid**
Github:// **rahulb99**
Devpost:// **rahulb99**

COURSEWORK
Deep Learning
Natural Language Processing
Computer Vision
Big Data Systems
Time Series Analysis
Regression Analysis
Database Systems
Machine Learning
Software Engineering

SKILLS

PROGRAMMING
• Python • Java • Javascript •Scala
• R • C/C++ • SQL

OTHER
• Tensorflow • Keras • PyTorch
•Spark • Hadoop • NodeJS • React
• Redux • MySQL • MongoDB
• BigQuery • GCP • PowerBI • Git
• HTML • CSS

CO-CURRICULAR

• NUS Statistics Society
•NUS Entrepreneurship Society
• PGPR Cluster Leader
• Orbital Mentor
• NUSSU Video and Photography club

EXPERIENCE

DATHENA | Machine Learning Engineer Intern
Dec 2020 - Present | Singapore

- Currently working on AI R&D team. Tech stack - **Python, Scala, Spark, Docker, HBase** .

TREATSURE | Software Engineering Intern
Dec 2019 - Jan 2019 | Singapore

- Dashboard team. Worked on **feature and UI updates** , cleaning code, fixing existing bugs, and perform software testing.

RAKUTEN ASIA | Software Engineering Intern
May 2019 - Aug 2019 | Singapore

- Worked on **feature updates** on the Toolbar extensions using **React, Redux and NodeJS** ,which were **released to production** .
- Worked on certain **client-side security** issues like click-jacking, and bug fixes involving Internet Explorer browser extension.

HEWLETT-PACKARD INC. | Software Engineering Intern
May 2018 – Sep 2018 | Singapore

- Worked on the **Interactive Display Project** - developed the **front-end** of the display with features like audio-enabled guide, and easy-to-use interface, built interactive dashboards using **PowerBI** , and a production-ready chatbot using **Dialogflow and Socket.io** .
- This system helped in not only speeding up but also providing a more complete experience of printer manufacturing workflow to HP engineers and visitors.

PROJECTS

B.COMP DISSERTATION PROJECT | NUS FinTech Labs | Ongoing
With the advice of Prof Huang Ke Wei, I am working on the **foundation** project of **NUS FinTech Labs** . I am researching on abstract sentence classification and knowledge extraction.

GEOTRONER | Hack&Roll WINNER | Jan 2018
https://devpost.com/software/geotroner
Worked on the **front-end development** . I learned a lot of new concepts and tools through this project, like Front-end JavaScript, CSS, Bootstrap and UI designing.

COVID-19 GLOBAL FORECASET
https://github.com/rahulb99/covid19
A **full-scale analysis and forecasting of COVID-19,** including data analysis, experimenting regression models, SIR model and exploring the effects of public health interventions like social distancing.

TEACHING AND VOLUNTEERING

TEACHING ASSISTANT
Undergraduate tutor for Computer Organisation, Natural Language Processing and Deep Learning

CODE FOR COMMUNITY | Autism resource centre
Jan 2019 - Present
As a part of this initiative, I was involved in **teaching** young autistic adults the basics of Robotics using Dot, Dash and Cue, as well as equip them with the fundamentals of web and application development, ultimately to help them with employ-ability.