

Arihan Dixit

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Experience

Software Engineering Intern

Summer 2021

BlackBoiler | Washington, D.C.

Used Python (scikit-learn, FastText, Word2Vec, etc.) to complete NLP and semantics based projects

- Clustered corpora content based on document similarity, utilizing unsupervised ML techniques
- Built an annotation machine to analyze and classify corpora data, utilized FastAPI and React

Independent Mobile App Developer

2020 - Present

Using FlutterFire Stack (Flutter SDK, Firebase) to create cross platform compatible mobile applications

- Developing skills in User Interface and Experience design, backend management, development workflow

Chatbot Developer

2017 - 2019

Utilized Api.ai (now DialogFlow) to create applications compatible with various platforms (Assistant, Alexa, etc.)

Education

Independence High School | Adv. HS Diploma

Expected Summer 2023

Ashburn, VA

- GPA: 3.98/4.0
- *President*, Class of 2023; *VP of Competitions*, Math Honors Society; *Interim Secretary General*, Model United Nations; *Mentor*, VEX Robotics; *Volunteer*, National Honors Society

Thomas Jefferson High School for Science and Technology

2019 - 2020

Arlington, VA

- GPA: 3.96/4.0
- *Analyst*, Investment Club; *Developer*, Machine Learning Club; *Competitor*, Model United Nations

Awards and Recognition

Step Up Loudoun Finalist

- 3rd Place - 2021, 3rd Place - 2019, 4th Place - 2018

Outstanding Delegate

- Ivy League Model United Nations Conference XXXVI, University of Virginia Model United Nations Conference XLI, Thomas Jefferson HS for Sci. and Tech. Model United Nations Conference XXVII

Honorable Delegate

- College of William and Mary Model United Nations Conference XXXVIII

Verbal Commendation

- Virginia Invitational Model United Nations Conference VIII, Academies of Loudoun Model United Nations Conference III, Chantilly Model United Nations Conference XVI

Skills

Python | Java | Flutter | Firebase | Ruby | React | FastAPI | SQL