**FirstName LastName**

Delhi | [email@email.com](mailto:email@email.com) | +91 9888888888 | LinkedIn: linkedinAlias | GitHub: githubUsername

**EDUCATION**

**Georgia Institute of Technology New Delhi, India**

*B.S. & M.S. in Computer Science Expected Graduation, May 2022*

* **Concentrations:** Intelligence and Modeling/Simulations
* **GPA:** 3.82/10.00, *Dean’s List*
* **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

**EXPERIENCE**

**Amazon.com Bangalore, India**

*Software Development Engineering May 2024 – Aug 2024*

* Created Python scripts to construct a pipeline that retrieved performance data from the AWS cross-regional team
* Developed various stacks on Node.js for data sources such as CloudWatch, Bindles DataLake, and DynamoDB
* Utilized various AWS resources such as Glue Crawlers, S3, Lambda, Redshift, and Quicksight to develop a dashboard displaying real time metrics

**Urban Company Gurgaon, India**

*Software Development Engineering Dec 2019 – May 2020*

* Utilized Python and its NetworkX graph structure library to develop efficient algorithms to optimize resource flow in a simulation in which a natural disaster strikes a city
* Developed the graphical user interface on PyGame to allow the users to visualize the results

**Howard Hughes Institute New Delhi, India**

*Data Engineering Intern Jun 2019 – Aug 2019*

* Used MATLAB video annotation library to segment out limbs of fruit flies to determine how different stimuli applied to the flies affect their movements and behavior
* Trained certain machine learning algorithms that ultimately predicted limb movements with a 92.7% accuracy
* Developed and implemented a user interface on Python and MATLAB to track the performances of the algorithms, to produce confusion matrices, and to display performance metrics

**PERSONAL PROJECTS**

**Uber Clone Spring Boot Project Demo | LIVE | Code**

*Team Member Jun 2020 – July 2020*

* Worked on a real-world Uber Project clone backend in Spring Boot so that users can book a ride online.
* Built features like Authentication and Authorization with Spring security, implemented Ride booking strategy with multiple Design patterns which can potentially reduce the ride waiting time by 50%.
* Handled the complete flow of ride booking application, from ride request via riders to ride accept via the drivers to the payment handling via wallets.

**Stock Predictor Sterling, Virginia**

*Team Lead Nov 2018 – Jan 2019*

* Trained mathematical models to predict stock price trends using Naive Bayes, Neural Networks, and Linear Regression Time Series algorithms
* Scripted the predictive stock price model and obtained a prediction accuracy of 90.07%

**ACTIVITIES AND LEADERSHIP**

**Google Summer of Code Atlanta, Georgia**

*Teaching Assistant for CS 2340 (Objects and Design) Aug 2020 – Dec 2020*

**Ranked #2 in Long Challenge #2353 @Codechef Atlanta, Georgia**

*President* *Aug 2019 – Current*

* Leader of an organization of 100+ members, hosting religious events, managing a board of executives, and reaching out to the underprivileged community in Atlanta

**SKILLS**

**Programming:** Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, C++, C, Swift (iOS)

**Tools:** Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile