**MINU KHOSLA**

Atlanta, GA

 Phone: 612-224-6735 | Email: minu.gatech@gmail.com

      LinkedIn: <https://www.linkedin.com/in/minukhosla/> | GitHub: <https://github.com/minu-gatech>

**SUMMARY**

Data Analyst | Database developer with experience in building databases. Worked on web scraping, parsing, organizing, cleaning, querying and storing data into a database using Python and MySQL.

Have a solid understanding of Excel, VBA, Python, JavaScript, SQL, Tableau, Hadoop and other technologies. Ability and determination to learn effectively, solve problems creatively, and keep up with changing demands. Able to collaborate on diverse teams or work independently meeting tight deadlines.

**TECHNICAL SKILLS**

**Python Data Analytics:** Python, Pandas, Matplotlib, APIs, NumPy, SciPy, JSON, PySpark

**Databases:** MySQL, Postgres, SQLite, NoSQL, MongoDB, ETL

**Web Visualization:** HTML, CSS, Bootstrap, JavaScript, D3.js, Leaflet.js, Plotly.js, Dashboarding, Flask, Heroku

**Advanced Tools:** Tableau, Hadoop, Machine Learning, GitHub, Git, Git Bash, Excel, Slack

**Languages:** Python, R, SQL, VBA Scripting

**PROJECTS | 2019**

**Tobacco Usage**

Identified what category/kind of people in the USA use tobacco products most and whether tobacco usage has decreased or increased over the last 8 years (2011-2018). It analyzed the data from all states to see if there are any correlations between tobacco usage and gender, income, and education level.

* **Tools used**: Python, Pandas, Matplotlib and Python API
* <https://github.com/minu-gatech/Project-TobaccoUsage>

**Weather and Vacation**

Determined what the weather is like as we approach the equator? In this analysis, (500+ cities) information from the entire world has been fetched via API calls and then visualized the relationship between various weather factors like temperature, cloudiness, humidity and wind speed around the equator.

* **Tools used:** Python, Pandas, Matplotlib, NumPy, OpenWeatherMap API, Jupyter Gmaps and the Google Places API
* <https://github.com/minu-gatech/Project-Weather-Vacation-API>

**Mission to Mars**

Scraped all the latest Mars information and images from the NASA website and rendered that scraped information into an HTML Page.

* **Tools used**: Jupyter Notebook, Python, Pandas, Flask, Splinter, MongoDB, PyMongo, HTML, Bootstrap
* <https://github.com/minu-gatech/Mission-to-Mars>

Minu Khosla, Page 2

**EXPERIENCE**

**Database Developer**

**Discovery Company;** Eatontown, NJ | Feb 2010 - Jan 2011

Effectively designed and developed Pythonprograms to scrape several thousands of records from numerous websites to ensure clients received timely and complete information via company database. Parsed and loaded the web scraped data into the database using MySQL while creating, organizing and managing the databases. Successfully transformed 12-15 Perl scripts into Python. Performed mathematical calculations and data management in MS Excel.

* Consistently met goal of several tasks and being the only one promoted as a full-time employee among 2 other part-time employees within 3 months of the start date.
* Department Lead Developer and Supervisor appreciated the dedication & hard work.

**ITS Support**

**ITS Department - Monmouth University;** West Long Branch, NJ | Sep 2008 - Dec 2009

Successfully designed, collaborated, and developed the University campus directory and map. Worked on Apple iPhone application development software in a group environment using C-objective language. Effectively performed coding, testing and created front-end Web pages in HTML to develop the library acquisition lists.

**Computer Assistant**

**Urban Coast Institute - Monmouth University**; West Long Branch, NJ | Feb 2008 - May 2009

Created public access maps in ArcGIS software and managed databases in Microsoft Access. Helped in the creation of 10-12 UCI (Urban Coast Institute) Dept Newsletters. Gained ArcGIS beginner level certification.

**Software Developer**

**Artware Technologies;** Chandigarh, India | Oct 2005 – Dec 2007

Diligently developed several front-end web applications using HTML, CSS, MS FrontPage, and JavaScript.

Worked in SQL Server database to maintain and retrieve data.

**EDUCATION**

**Data Science and Analytics Certification** | **Georgia Tech**, Atlanta, GA|Aug 2019 – Feb 2020

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Hadoop, Big Data, and Machine Learning

**Master of Science in Computer Science** | **Monmouth University**, NJ, USA

Academic Excellence Award.

**Post-Graduate Diploma in Computer Applications** | **Panjab University**, India

Academic Excellence Award.

**Bachelor of Science in Computer Applications** | **Panjab University**, India