**SUMMARY:**

* 1-3 years of experience in Data Analysis; proficient in database design, development, querying, ETL processing, and enterprise data warehousing.
* Willing to relocate and authorized to work in the U.S. (Citizen)
* Ability to perform data migration using FTP, HTTP, FTPS, HTTPS, SFTP protocols.
* Great web-scraping capability in Python for ad-hoc analysis.
* Identify PII data, create data dictionaries, and procure data to be GDPR Compliant.
* Experience with data wrangling/cleansing, reporting, and visualization.

|  |  |
| --- | --- |
| Coding Languages | Python, Java, HTML, CSS, JS, PHP, SQL, R, C, Swift, Matlab, .NET, Bash; |
| Libraries/Packages | BeautifulSoup, Anaconda, Pandas, Numpy, Matplotlib, PyChart, Shiny, Flask, render\_template, request, mysqldb, Selenium, Webbrowser, Tkinter; |
| Cloud Technologies | GCP: Dataprep, BigQuery, Dataflow, Storage, Compute Engine, VMs, API Marketplace, etc.  AWS: Elastic Beanstalk, S3 Buckets, VMs; |
| Databases | MySQL, Oracle, No-SQL, MS Access, Excel, Google Sheets, Airtable; |
| Data Visualization | Tableau, PowerBI, Wordpress, Squarespace, Godaddy, MS Sharepoint, MS Visio; |
| Environments & Servers | Environments: Windows, iOS, Linux  Servers: Cerberus, PiBerry Server, AFS, localhost, cloud VMs; |
| IDEs & Other | IDEs: Atom, IDLE, Eclipse, jGrasp, Command Prompt, Terminal, Cloud Shell;  Other: Github, Toad, Oracle Enterprise Data Modeler, Bloomberg Terminal, Remote Desktop, Wireshark, Shopify, Robinhood, Microsoft Office 2015, Slack; |
| Human Languages | English, Punjabi, Hindi, Urdu, and Spanish |

**EDUCATION:**

B.S. Computer Science at New Jersey Institute of Technology (Sept. 2016 – Current)

Top 10% of Class at Spotswood High School (Sept. 2011 – June 2015)

**WORK EXPERIENCE:**

**UPS HQ** (May 2019 – Feb 2020)

Data Science Coop

Supervisor: Elizabeth Barayuga

* Day to day included data cleansing, data annotation, building data dictionaries, ad-hoc analysis in Jupyter Notebooks, and ETL of big data using Python or R.
* Created and pushed a .Net Survey applet into UAT testing and then production. Frontend of this applet was coded in MVC structure using html, css, javascript, angular.js, php, and C language while backend was managed using a SQL rdbms in Azure. This served a user-base of nearly 200,000 small businesses in the United States.
* Created a bridge between Legacy Azure TFS and GCP Source Code Repos tools using bash scripts and Python to support version control on analytics porjects. This served an internal analytics hub created at UPS with a marketplace full of licensed data science tools.
* Created a permissions applet to comply with potential future audits. Served as System Admin of the applet, controlling –rwx permissions for each analytics project and user.
* Was involved in new projects concerning IoT (Eg. Package Jam Prevention & Telematics).

**VDC Venture Development Center LLC.** (Sept 2017 – Sept 2018)

Data Scientist

Supervisor: Matt Staudt

* First hire to commence the Data Science Department.
* Set up Ad-hoc infrastructure and tools such as FTP Server with GCP (company is a certified cloud launch partner with Google). My work with Dataprep and BigQuery was mentioned on the Google Blog site (<https://cloud.google.com/blog/big-data/2017/09/google-cloud-dataprep-is-now-a-public-beta>).
* Dealt with exhaust data doing QA/inventory, data blending, & advanced querying to create custom datasets.
* Created data warehouse in GCP Storage
* Linked financial data to sales/CRM sentiment application to forecast company financials & increase workflow.

**ERT eResearch Technology** (May 2017 – Sept 2017)

Junior Data Developer Intern

Supervisor: Kalpesh Patel

* Designed physical & logical models of health & device data in Enterprise Oracle Database using Oracle Database Developer to increase efficiency of data and procure relational tables.
* Participated in new global company platform launch, and integrated old data into the new database.
* Performed SQL queries from Oracle Legacy and Cloud for reporting purposes.
* Learned about joins, keys, DDL, DML, TCL, DCL, and DQL.
* Learned QA testing for internal apps using Selenium.

**NJIT CS-100 Python Roadmap to Computing (**Sept. 2016 – Jan 2017**)**

Teacher’s Assistant

Supervisor: Dean Barry Cohen

* Aid students taking intro-level computer courses, working alongside NJIT professors to grade, proctor, and teach exam content.
* Top 1% of students were approached for this job.
* Lesson plans covered data structures, traversing arrays, I/O files, and Turtle graphics.
* Independently learned about packages like matplotlib, pandas, and anaconda in this time.

**NJIT Controls, Automation, and Robotics Lab** (Nov. 2015 - Jan. 2016)

Undergraduate Researcher

Supervisor: Professor Cong Wang

* Worked on designing, innovating, and testing a new uni-motor technology on wearable prostheses.
* Used Matlab to simulate gear movements.
* Goal was to ultimately create robotic wearable limbs that are cheap, light in weight, and highly functional.

**Geek Squad Best Buy Co.** (June 2015 - Sept 2015)

Electronics Technician

Supervisor: Kathy McDonough

* Serviced televisions, laptops & tablets, etc. by updating and installing new operating system software as well as hardware.
* Special skills included soldering, voltmeter testing of circuits, knowledge of OS, and parts knowledge.
* Specialized in **Dell** and **Samsung** machinery.

**FUN PROJECTS:**

* Scraped Coronavirus Data from Michigan State Website to visualize County-level spread rates.
* Native iOS Rideshare Application with AWS back-end
* Webcrawlers for Yelp restaurant & pricing data, and Skiplagged for hidden-city flight data
* Web Development of [www.theloststrings.com](http://www.theloststrings.com) with CSS, JavaScript, and HTML5 *(no longer live)*
* XBee ZigBee Wireless Communication with OBD2 Car Reader (Automation hardware)
* Basic Python games using Python Tkinter
* Github Link: <https://github.com/tejveersa>

**AWARDS:**

NJIT Faculty Scholarship – Full Ride (4 years)

New Jersey Scholars Program Academic Excellence (2014)

**LEADERSHIP:**

President of Newark Sikh Students Association (2014 - 2016)

Organizer of Girls Who Code/ Hack Space Forum/Git-hub Fair (Aug. 2014 & Jan. 2016)

Lead at Computer Automation & Robotics Lab (Nov. 2015 - Jan. 2016)