

CHARANDEEP KOTA

Pittsburgh, PA – 15213

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EDUCATION

University of Pittsburgh, School of Computing and Information

Pittsburgh, PA

Pursuing Bachelor of Science in Computer Science & Data Science

December 2023

Major: Computer Science & Data Science

Relevant Course Work

Data Structures and Algorithms in Java

Analytical Methods

Discrete structures

Software Quality Assurance

Machine Learning

Database Management Systems

SKILLS SUMMARY

Programming Languages: Python, Java, Spark, C/C++, JavaScript, CSS, HTML, PySpark

Databases: SQL Server, MySQL, Postgres, Apache Spark

Tools: Node.js, React.js, Salesforce, GitHub, Git, SecureCRT

Operating Systems: Windows, MacOS, Linux

JOB EXPERIENCE

PNC Internship

Pittsburgh, PA

Technology Intern

May 2023 – August 2023

- Improved data security ratings of transactional data by upgrading legacy map reduce code to Apache Tez.
- Improved big data processing speed by 60% using PySpark. Migrated Hadoop data pipelines into Apache Airflow.
- Worked on Text Classification projects on the Machine Learning team. Automated complaint classification of PNC's Customer Calls by building on a Kert-Based Text Classification algorithm.
- Researched on an Image Modeling Hard Pdfs Project which auto classifies Customers based on their documented data.
- Tools & Environment: Jira, Bitbucket, JupyterHub, Cloudera, Toad Database, SecureCRT, CA7

The Insight INC

Dallas, TX

Freelancer

December 2021-January 2022

- Developed a mobile-responsive website for the InsightINC consulting company.
- Designed several front-end modular components including automated emailing for the consultancy.
- Designed an RDBMS to manage employee, financial, and client data. <http://theinsightinc.com/>
- Tools: Visual Studio, Postman, BootStrap, MySql, DBeaver

ASEES INC

Pittsburgh, PA

Website Assistant Developer

Sept 2022 – May 2023

- Working on front-end and back-end development of the ASEES website to conduct their 2023 ASEES Slavic & European conference.
- Used Postgres to manage the company's database and data about the ASEES conference.

INVOLVEMENT AND ACHIEVEMENTS

PNC & SHE Hackathon 2022

Pittsburgh, PA

1st Place in both Hackathons

January 2022

- Developed Grammar Query web app that translates spoken words to written text and gives personalized feedback for any grammatical errors. Used HTML, CSS for frontend and JavaScript for functionality.
- <https://github.com/charan776/grammarquery.git>

PNC & SHE Hackathon 2023

Pittsburgh, PA

PPTX extension (PNC Hackathon Winner)

February 2023

- Developed PowerPoint translation popup which automatically translates power point slides when downloaded into a language chose using Google translation API's. <https://github.com/charan776/tranlate.git>

PNC Coding Challenge 2023

Pittsburgh, PA

2nd Place out of 300 developers

June 2023

- During my summer internship, solved a machine learning coding challenge on budget modeling using HashMap's in JAVA with the time complexity of O(n) in 55 minutes.