Rithvin Koneru

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Professional Summary

Personal Website: RithvinK.github.io

Current software engineer intern with full stack skills and college student actively pursuing an internship in software engineering or financial tech for 2024. Experience with apps development, data-analysis, machine learning, team environments and project-based assignments through my current internship, prior research, co-op, and education.

Skills

- **Programming Languages**: Java, Python, C, MIPS-Assembly, Ruby, OCaml, Rust, HTML, CSS/SCSS
- **Developer Tools:** Google Cloud Platform, Google Analytics, Google Cloud Digital Leader Certification(In Progress)
- **Platforms/IDEs:** GitHub, Visual Studio Code, Eclipse, PyCharm, Google Colab/Jupyter Notebooks
- SQL, Linux/Unix, Azure DevOps, NumPy and Pandas Python libraries, Data Operations, Matplotlib
- Data Structures, Algorithms, Dynamic and Functional Programming, Machine Learning/AI (Vertex AI), Git, TenserFlow
- MS Office(Excel, Word, PPT) Services, Power BI, Teams, Outlook

Experience

SOFTWARE ENGINEER INTERN - SUMMER 2023

UPS | Parsippany, NJ | May 2023 – Present

- Developing software for the Schedule, Time and Pay(STP) program to migrate UPS legacy payroll systems to Google Cloud Platform using app dev. tools such as BigQuery, Cloud Run, GCE, Cloud Code, SQL, Linux.
- Performing data management of 400k employees' payroll info with Cloud SQL, Cloud Storage, PowerBI reports.
- Utilizing software test frameworks and tools(TestNG, JMeter, Maven, JFrog Repos) to develop automated test scripts for performance/integration testing of UPS applications within the STP program.

PROGRAMMING CO-OP - SPRING 2023

HCL America | Remote | Jan. 2023 – May 2023

- Contributed to company projects related to data analysis and back-end application development for client needs using Python, Machine Learning, and GCP technologies. Involved with updates of software products.
- Learned data analysis and AI techniques to read and interpret incoming company data regarding customer transactions/purchase trends using Python data analysis libraries.

UNDERGRADUATE RESEARCH ASSISTANT - SPRING 2022

University of Maryland | College Park | Jan. 2022 – May 2022

- Utilized Python data analysis programming within the Linux operating system to study and organize incoming machine simulation data using NumPy, Pandas, Matplotlib libraries.
- Contributed to the data management of The Worldwide LHC Computing Grid, a computer-based physics simulation, and data modeling to interpret trends across simulations to adjust and improve the machine.

Education

UNIVERSITY OF MARYLAND

Bachelor of Science in Computer Science; General Business(Finance Specialization) Minor | College Park, MD
Aug. 2021 - Dec. 2024(Expected)

GPA: 3.7

Relevant Coursework: Object-Oriented Programming, Algorithms, Data Structures, Discrete Math, Computer Systems, Linear Algebra, Calculus I and II. Pursuing upper level specialization in machine learning/AI.

Projects - https://rithvink.github.io/projects/