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:** Git/GitHub, Eclipse, Visual Studio Code
- 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)
- MS Office(Excel, Word, PPT) Services, Power BI

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 BigQuery, Cloud Run, GCE, Java, 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

- Learned data analysis and cybersecurity techniques to read and interpret incoming company data regarding customer transactions/purchase trends.
- Contributed to company projects related to data analysis and back-end application development for client needs and progress updates regarding software products.

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: 3.68

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/