Ranjith Ramkishore

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EDUCATION

University of Washington — **Seattle, WA**
Bachelor of Science, Informatics: Data Science — *Sep 2017 - June 2021*
Awards: Annual Dean's List for academic excellence x1. Adobe Design Hackathon Winner 2021.

PROFESSIONAL EXPERIENCE

eClinicalWorks — **Boston, MA (Remote)**
Data Engineer | Full-Time — *June 2021 – Present*
- Analyze complex data models; develop scripts for seamless extraction, transformation, and loading of client patient records into eCW EMR software.
- Build SSIS packages and Java utilities to enhance internal data migration engine, automating ETL process.
- Implement unit tests and dynamic logic SQL scripts to ensure precise data quality and accuracy.
- Lead development and release of automated parser for efficient extraction, cleaning, and loading of raw flat files into SQL server.
- Created Python utilities reducing document migration time by 90% and boosting efficiency.
- Identify and contribute to enhancements for existing utilities, taking ownership of creating and assigning JIRA tickets.
- Collaborate with enterprise clients on a regular basis, integrating large volumes of raw data sources into our product for over 300 healthcare providers.
- Design and maintain data pipelines from Azure blob storage, achieving 100% automated extraction and transformation for certain datasets.
- Completed over 100 projects in two years.

DubsTech — **Seattle, WA**
President & Head of Development — *Nov 2019 - Aug 2021*
- Managed a cross-functional team of 10 people across 5 departments (UX, Web Dev, Data Science, HoT, Hackathons) to run the largest college-level tech organization hosting skilled workshops, hackathons, and networking opportunities.
- Designed and delivered a series of workshops on data analytics and engineering fundamentals, with proven ability to explain complex concepts to diverse audiences.
- Engineered a SQL-driven database featuring adaptable ETL components and integrated a search mechanism, elevating information storage and retrieval for the organization and its stakeholders.
- Organized Protothon, a macroscale UX Design hackathon with 1000+ paticipants, demonstrating excellent organizational and problem-solving skills.

iSchool, University of Washington — **Seattle, WA (Remote)**
Teaching Assistant | Part-Time — *Jan 2021 – Present*
- Teach weekly lab sessions based on topics covered in lecture.
- Establish data science lab works for students to complete.
- Mentor students to help develop their final projects.

HCL Technologies - New Vistas. — **Redmond, WA**
Data Analyst Intern - Corporate Strategy — *May 2020 - Aug 2020*
- Conducted in-depth research and analysis of the education sector in multiple regions, supporting strategic decision-making processes.
- Interpreted and analyzed large datasets, incorporating cost-benefit, impact analysis, and invest-divest techniques.
- Developed internal utilities using Python to improve data entry efficiency, showcasing problem-solving abilities and attention to detail.

PROJECT EXPERIENCE

FitFam (Beta)
- Developed an iOS fitness-focused social application, designed to encourage friends and family to maintain an active lifestyle while facilitating daily check-ins.

WhereToEat
- Created a web application utilizing the Yelp API to decide which place to eat at as a group in the U. Developed front-end using React.Js and core application logic using Node.js.

SKILLS

- Programming Languages: Python, SQL, Java
- Cloud Platforms: AWS, Google Cloud Platform (GCP), Azure
- Databases: SQL Server, MySQL, Postgres, GoogleSQL, SnowSQL, NoSQL (MongoDB)
- Data Warehousing: Snowflake, Amazon Redshift, Azure Data Factory
- Version Control: Git
- Big Data: Apache Airflow, Spark
- Data Modeling: ERD, Star Schema, Snowflake Schema
- DevOps: Docker

CERTIFICATIONS

- Microsoft Azure Data Engineering Associate (DP-203) Professional Certificate