NATASHA GALLANT
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Professional Summary

- Able to work in a team setting, comfortable communicating with a team and stakeholders
- Managing deadlines, planning workflow, communicating problems, delegating tasks, and suggesting possible solutions
- Problem solving and application of known techniques to new problems

Skills and Proficiencies

- Experience with programming in Typescript, ReactJS, NextJS, Node, GraphQL, Python and NumPy, R, Go, and SQL
- DevOps and Cloud experience with Docker, Bitbucket Pipelines, Kubernetes, AWS, Snowflake, and Terraform
- Data analysis and processing, extracting and interpreting results through the application of statistics
- Experience with Agile development practices
- Communicating results through reports, figures, and presentations

Work Experience

Full Stack Developer: Exclusive Resorts, Remote, September 2022 - Present

- Designed, implemented, and maintains custom data pipeline between databases and cloud services leveraging Snowflake, SQL, Salesforce, and AWS S3.
- Led team of developers for custom data pipeline project, writing and assigning stories, writing documentation, and carrying out onboarding
- Responsible for continued development of trip recommendation engine. Developed features such as identification of rebook and extension opportunities, and optimizations of existing connections to data sources, improving data cleanliness.
- Member of team developing React/NextJS based website as full stack developer. Contributes to front end features and data layer as well as back end GraphQL subgraph services.
- Works on a variety of development projects, involving gathering requirements, planning, and implementing solutions to open ended technical problems.
- Writes unit and functional tests using libraries like Jest and Nock
- Developed, implemented, and deployed statistical model for likelihood of referral

Research Assistant: JMU Physics & Astronomy Department, Harrisonburg, Va, Summers 2019 – 2021

- As a member of a nuclear physics research group created nuclear physics models using industry standard toolkit to assist in calibration of experimental equipment, processed and analyzed output data using Python and R, prepared and presented results through figures, text, and speech.
- As a member of a mathematical physics research group implemented analytically derived search algorithms in C and Python and used output to inform approaches to classification problems.

Education

James Madison University (JMU): Harrisonburg, Virginia, May 2021
Bachelor of Science in Physics, Minor in Mathematics.