

NAT GALLANT

Pronouns: They/Them/Theirs
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Professional Summary

- Able to work in a team setting, able to communicate and coordinate with team
 - Managing deadlines, planning workflow, communicate problems and suggest possible solutions
 - Problem solving and application of known techniques to new problems
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Skills and Proficiencies

- Experience with programming in TypeScript, Go, Python, R
 - Experience with ReactJS, Vue.js, SolidJS, CSS, CSS Modules
 - Experience with Git, GitHub, Bitbucket, Jira, and Agile development practices
 - Familiarity with SQL, AWS, MATLAB, C++, Microsoft Office, and \LaTeX
 - Data analysis and processing, extracting and interpreting results through the application of statistical analysis
 - Communicating results through text and figures, both verbally and in written documents, basic Spanish
 - Experience with Calculus, Differential Equations, Linear Algebra, Complex Analysis, and Statistics
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Education

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

Work Experience

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

- Recommendation Engine - Maintained existing TypeScript codebase, Implemented new features and optimizations to algorithm. Implemented integrations to Salesforce, Algolia search engine. Maintained accompanying single page application with ReactJS front end, Express API.
- Short Term Availability - Implemented single page application with ReactJS front end and Express API.
- Public Website - Maintained NuxtJS and Vue.js multi-page application. Responsible for integration of Braze personalization service, maintaining integration with Prismic CMS and Cloudinary DAM.

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

- Wrote nuclear physics simulations in C++, integrating an industry standard toolkit
- Analyzed simulation output data using Python and R, prepared figures, reports, verbal presentations, and presented results.
- Implemented analytically derived search algorithms in C++ and Python

Teaching Assistant/Grader: JMU Physics & Astronomy Department, Harrisonburg, Va , August 2018 – December 2021

- Graded multiple courses covering topics including Python programming and algebra and calculus based physics.