Jason Francois

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Portfolio GitHub LinkedIn

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EDUCATION

Drexel University   Philadelphia, PA
Bachelor of Science (BS), Computer Science   *2024*
- Cumulative GPA: 3.88/4.0

EXPERIENCE

Application Engineer Intern   April 2023 – January 2024
Vanguard   *Malvern, PA*
- Integrated new UI features in an Angular web application, enhancing functionality for 700+ advisors
- Developed API endpoints for a NestJS web service, optimizing data handling with a DynamoDB database, and authored Jest framework unit tests to increase code coverage to 70%
- Conducted accessibility testing using NVDA and JAWS screen readers, ensuring compliance with WCAG guidelines

Web Development Co-op   March 2022 - September 2022
Susquehanna International Group (SIG)   *Bala Cynwyd, PA*
- Created two dynamic web applications utilizing jQuery, C#, and SQL Server
- Launched a .NET build server using GitLab Runner, significantly boosting team-wide deployment capabilities by 100%
- Streamlined the deployment of internal NuGet packages by implementing automated processes using PowerShell scripts and GitLab CI/CD

Software Developer Intern   March 2021 - September 2021
The Stratagem Group   *King Of Prussia, PA*
- Revitalized the front-end of a web application for a home health agency by implementing a jQuery-driven rewrite, resulting in improved user experience and enhanced visual aesthetics
- Crafted dynamic data visualization modules using TypeScript, React, and Chart.js
- Led daily stand-up meetings in the role of an interim Scrum Master

PROJECTS

CountriesAPI | *React, Tailwind, NextJS*
- Consists of a server-side rendered dashboard that exhibits information from a wide array of countries
- Consumes the REST Countries API to acquire detailed information of over 200 countries
- Utilizes React's Context API to establish a toggle mechanism for switching between light and dark themes.

IPTracker | *React, SCSS*
- A React-based web app showcasing the geolocation of an IP address
- Utilizes the ipify API to retrieve address information
- Employs Google's Maps JavaScript API to identify locations with map markers

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML, CSS, C#, Java
Frameworks: React, Angular, Express, Next.js, ASP.NET Core, Entity Framework
Developer Tools: Git, Jira, SQL Server Management Studio, VS Code, Visual Studio, IntelliJ, Vim
Libraries: jQuery, Bootstrap, Tailwind CSS, Kendo UI