

Jason Francois

jasoncfrancois.com | [LinkedIn](#) | [GitHub](#)

Philadelphia, PA

Email: jasonc.francois@gmail.com | Mobile: 215-490-6722

EDUCATION

Drexel University

Bachelor of Science in Computer Science

Cumulative GPA: 3.86

Philadelphia, PA

Anticipated Graduation: June 2024

SKILLS

Languages : HTML, CSS/SCSS, JavaScript/TypeScript, Python, Java, C#

Frameworks : React, Angular, .NET, Express, NestJS, NextJS, Tailwind

Databases : SQL Server, PostgreSQL

Dev Tools : Visual Studio Code, Visual Studio, SQL Server Management Studio

EXPERIENCE

Application Engineer Intern

Vanguard

Apr 2023 – Present

Malvern, PA

- Integrated new UI features in an Angular web application within a cross-functional team, catering to 700+ advisors and connecting with over a dozen RESTful APIs
- Developed API endpoints for a NestJS web service that saved data to a DynamoDB database
- Authored unit tests in the Jest framework, which bolstered the application-wide line coverage percentage to 70%
- Conducted accessibility testing using NVDA and JAWS screen readers, ensuring compliance with WCAG guidelines

Web Development Co-op

Susquehanna International Group (SIG)

March 2022 - September 2022

Bala Cynwyd, PA

- Created two dynamic full-stack web apps using jQuery, C#, and SQLServer
- Configured a .NET build server that utilized a GitLab Runner to build/deploy projects, which increased 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

The Stratagem Group

March 2021 - September 2021

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

IP Tracker

React, SCSS

[Source Code](#)

- A React web application that visualizes the geolocation of an IP address on a single page
- Employs the ipify API to gather information pertaining to IP addresses
- Incorporates Google's Maps JavaScript API to seamlessly showcase the IP address location with a map marker

CountriesAPI

React, NextJS, SCSS

[Source Code](#)

- 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.