Nicolas J. Simmonds

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Summary

I am a full stack developer with experience using the JavaScript and Python programming languages, RDBMSystems such as PostgreSQL, and the technologies in their respective ecosystems. My prior experiences enable me to excel in both working effectively with team members from various backgrounds and disciplines, as well as communicate effectively with stakeholders to ensure that the outcome meets the needs of the client.

Skills

Stack and Tools include: HTML, CSS, JavaScript, React.js, Material UI, Node.js, Express.js, Jest Testing, Jasmine Testing, jQuery, Bootstrap, Python, Flask, Bcrypt, PostgreSQL, SQLAlchemy, Git, GitHub

Projects

MarketCap Metrics   https://github.com/njsimm/MarketCap-Metrics

- Created a tool that helps facilitate the comparison of market capitalizations between different asset types.
- Utilized HTML, CSS, and JavaScript for front-end development, and Python, Flask, PostgreSQL, and SQLAlchemy for back-end development.
- Implemented secure user authentication and authorization with Bcrypt.

Warbler   https://github.com/njsimm/Warbler-Springboard

- Extended an existing code base by adding features that allow users to like and un-like posts, display liked posts on their profile, and implemented profile editing functionality.
- Refactored code and fixed bugs relating to logging users out, displaying user's bios and headers, and displaying user specific content on the homepage.
- Developed unit and integration tests for models and their attributes/methods, routes/view-functions, endpoints, response codes, authentication, and authorization.

Experience

Software Engineer Trainee, Springboard, Remote   *August 2023 – Present*

- Conducted thorough code refactoring and bug resolution for multiple applications, improving user experience and system reliability.
- Enhanced multiple application's security by engineering secure authentication and authorization functionalities.
- Created comprehensive unit and integration tests to ensure robustness of models, routes, view-functions, and endpoints.
- Developed and integrated RESTful APIs throughout multiple course applications, enabling dynamic content management and service-oriented architecture.

Kessler Institute for Rehabilitation   *May 2023 – August 2023*

- Managed an increasingly complex caseload, showing adaptability and proficient time management with weekly increases of 10-30%, ensuring high-quality care and efficient patient flow.
- Fostered interprofessional collaboration with other healthcare professionals to ensure comprehensive patient care, leveraging conflict resolution and communication skills to enhance office efficiency and patient outcomes.

JAG-ONE Physical Therapy   *March 2022 – April 2023*

- Designed and implemented rehabilitation programs that enhanced patients' quality of life, achieving over 75% return to prior levels of function, demonstrating adaptability and cultural competency in tailoring approaches to diverse patient needs.
- Trained junior staff on office systems and workflows, significantly improving operational efficiency by 50% and service delivery through strong collaboration and adaptability, while emphasizing the importance of active listening and cultural competency in patient interactions.

Education

Springboard
Software Engineering Program, Certificate   *Anticipated June 2024*

University of Delaware
Doctor of Physical Therapy | DPT   *December 2021*

University of Delaware
M.S. in Anatomy and Clinical Health Science   *August 2020*

Rutgers New Brunswick, State University of New Jersey
B.S. in Exercise Science and Sports Studies | Applied Kinesiology   *May 2018*