

Nicolas J. Simmonds

(908) 377-0413 | simmonds.nicolas@gmail.com | www.linkedin.com/in/njsimm | <https://github.com/njsimm> | Roselle Park, NJ 07204

Summary

Motivated career changer transitioning from physical therapy to software engineering. I bring a unique perspective to the field and am excited to apply my adaptability, collaboration, and patient/client-centered skills to software engineering.

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