

TESSA NEWMAN-HEGGIE

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Full-stack software engineer specializing in Ruby on Rails and React Native. I consider myself language-agnostic and love learning new programming languages. I have experience with every part of the software development process, from scoping to deployment.

EXPERIENCE

NOVEMBER 2021 – PRESENT

SOFTWARE ENGINEER, SHIFT INTERACTIVE

Engineered an employee health and wellness platform and mobile app backend with over 1 million users. Collaborated with a team to scope, build and deliver features with weekly deployments.

DECEMBER 2020 – OCTOBER 2021

JUNIOR SOFTWARE ENGINEER, SHIFT INTERACTIVE

Led the development of a React Native Mobile app, leveraging a Ruby on Rails backend and integrations of several APIs. Shipped iOS and Android apps to app stores on a tight deadline.

SUMMER 2020

SOFTWARE ENGINEER INTERN, SHIFT INTERACTIVE

Built full-stack RoR applications with a team while employing Agile. Performed in the top 50% of company engineers based on productivity measures.

SUMMER 2019

NLP RESEARCH INTERN, CS LABORATORY AT UNIVERSITÉ PARIS SUD

Built NLP Lifelong Learning AI system in Python used to train medical school students all over the world. Communicated primarily in French and led the development of the AI's English phrase catalog.

EDUCATION

B.S. COMPUTER SCIENCE AND LINGUISTICS CARLETON COLLEGE

GPA: 3.9, Dean's List (2018-2019, 2017-2018), Minor in French

SKILLS

- Languages: Ruby on Rails, Python, React Native, JavaScript, Scheme, C, SQL, CSS, HTML
- Frameworks/Tools: Heroku, PostgreSQL, GitHub, CircleCI

ACTIVITIES

PRESIDENT, SUSTAINABILITY COMMITTEE

Coordinated company-wide initiatives to engage and educate coworkers about sustainable issues and current events related to the worldwide climate crisis. Presented weekly updates and tips at company-wide meetings.