EMILY RYAN
SOFTWARE ENGINEER

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LinkedIn
GitHub
Portfolio

SKILLS

- Javascript, React
- HTML, CSS
- Express, Node
- Python
- SQL, Mongo
- Git, Github workflow
- Typescript
- Fullstack development

PROJECTS

LANGUAGE QUIZ
Javascript, HTML, CSS

- This 10-question language quiz includes audio samples of each phrase and optional hints to aid the user in identification.

DISCOVERDRUG
Javascript, Node.js, HTML, Bootstrap, SQL,

- DiscoverDrug allows users to learn about specific drugs using the FDA's vast API, save different drugs as favorites, and add personal comments.

SUSTAIN-ABLE
React, Mongo, Mongoose, Bootstrap

- This MERN-stack app gives users ideas for daily habits to promote a sustainable lifestyle. Users can create a profile, save favorite habits, and create new habits.

REGULATE
Typescript, React, Mongo, Bulma

- Regulate is an app for kids with autism to promote independence by helping them create a structured schedule and identify complex emotions.

HOBBIES

Backpacking through the North Cascades, playing anything by Debussy on the piano or cello, keeping up conversational French through Duolingo, and trying the newest climbing route at the local rock gym.

A software engineer with a background in medicine and biology, I'm passionate about developing innovative technology to improve the user experience. In my five years of nursing, I have honed my ability to think critically under pressure, collaborate inclusively with coworkers, and advocate strongly for patients and families. Compassion, concise communication, and effective teaching skills have characterized my past work experience. I have an innate curiosity and eagerness to learn, with a keen eye for patterns and sharp attention to detail. I face new challenges head-on and take a flexible and creative approach to problem solving. I look forward to applying my unique skills and strengths to make a positive impact on the world of tech!

EXPERIENCE

SOFTWARE ENGINEERING IMMERSIVE BOOTCAMP
General Assembly

Nov 2022 - Feb 2023 (12-week immersive)

- Full-time fellow in a 480-hour full-stack software engineering program
- Utilized hands-on approach to design and build web applications with a wide array of programming languages and applications
- Designed individual and group projects and collaborated with classmates to solve challenging software development problems with unique solutions

REGISTERED NURSE - PEDIATRIC NEUROSURGERY
Seattle Children's Hospital - Seattle, WA

April 2020 - present

- Managed care of four pediatric patients at a time with various surgical procedures from specialties including urology, neurosurgery, plastics, and orthopedics
- Collaborated with an interdisciplinary team to provide continuity of care
- Served as Chair of Care Delivery committee to improve efficiency of flow on unit
- Audited nursing staff in central line care skills to limit hospital-acquired infections
- Mentored new nurses in critical thinking, technical skills, and time management

EDUCATION

SOFTWARE ENGINEERING BOOTCAMP
General Assembly - Remote

BACHELOR OF SCIENCE IN NURSING (ACCELERATED)
MGH Institute of Health Professions - Boston, MA

BACHELOR OF ARTS IN BIOLOGY, MINOR IN SPEECH PATHOLOGY
Gordon College - Wenham, MA