Eric Doering

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SUMMARY

Degreed entry-level Software Engineer with hands-on experience working in real-world scenarios in software development. Seeking to use and expand upon proven skills in developing and testing code and administering systems and networks. A "can-do" attitude with strong ability to learn, collaborate with others, and drive to contribute. Seeking full-time entry level software engineering opportunities in the New York City Metropolitan area and/or remotely.

SKILLS

- TypeScript/JavaScript/HTML/CSS
- React/Node.js/Express/Next.js
- Python/Flask
- Bootstrap/Tailwind CSS
- SQL/SQLAlchemy/PostgreSQL
- MongoDB
- Git/Github/Bash
- Amazon Web Services/Vercel
- ArcGIS, R

- UI/UX design
- Documentation & reporting
- Problem solving and innovation
- Usability, Unit, and Integration testing
- APIs and microservices
- AI and automation tools
- Effective public speaking and presentation
- Strong research skills
- Team management and mentoring

PROJECTS

Population Plotter (12/2023 - current)
- Built a single page application that dynamically graphs major population data and provides AI analytics on the trends.
- Single page application utilizing (JavaScript, React, Tailwind CSS, NextJS, D3, OpenAI).

Project Positive (8/2023 - current)
- Built a full-stack application that sends healthy habit SMS messages to users based on their preferences.
- Full-Stack Application utilizing (PostgreSQL, Node.js, Express, TypeScript, React, tailwind CSS, and Twilio API).

Chord Progress (3/2023 - 6/2023)
- Built a full-stack application that teaches beginner musicians how to play and build chord progressions.
- Full-Stack Application utilizing (MongoDB, Node.js, Express, TypeScript, React, tailwind CSS, and AWS).

Navigate For Rate (10/2022 - 1/2023)
- Built a full-stack application allowing users to track reimbursable mileage based on distance and the nature of their trip.
- Full-Stack Application utilizing (Python, Flask, Jinja, SQLAlchemy, HTML, Bootstrap, CSS, AWS).

EXPERIENCE

Springboard, *Software Engineer Apprenticeship*   06/2022 – 06/2023
- Completed an 800-hour course covering key aspects of front-end web development, back-end web development, databases, and data structures and algorithms.
- Modules include learning resources, practice exercises, projects, and career-related coursework.
- Web Development, JavaScript, DOM Manipulation, Event Driven Programming, Git/Terminal/GitHub, Modern JavaScript and Testing, AJAX, ReactJS, Redux, SQL, PostgreSQL, Flask, Node.js, Express, Data Structures and Algorithms.

Arcadis, **Environmental Engineer**   08/2021 - Current
- Mentor and manage junior level staff including conducting on site training, creating lesson plans, and leading staff projects.
- Utilized GIS software to maintain data tracking, manipulation of geolocation data, and creation/maintenance of reporting.
- Oversee NYCDPR environmental engineering projects and conduct on-site reporting and data collection.
- Present and communicate with Arcadis staff as well as clients such as New York City Department of Parks and Recreation and New York Department of Environmental Conservation.

EDUCATION

SUNY Environmental School and Forestry   09/2019 - 05/2020
Master's Degree in Environmental Science with a focus in Data Science and Modeling, M.P.S.
- Used R programming language for model building and data science.
- Used R and ArcGIS for the final capstone project.

SUNY New Paltz   08/2015 – 05/2019
BS, Physical Geology