Cole Rener *software engineer*

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Professional Summary

I am a software engineer with a **creative** curiosity that enables me to dissect problems from many unique perspectives. As an engineer, I focus on building **intuitive** and **scalable** apps with a keen eye for **usability**. As an employee, I am always asking questions and trying to make processes more **efficient**. I value **collaborative** action and **integrity** in every aspect of the workplace.

Work Experience

Software Engineer @ General Assembly
New York, NY (Remote) | 07/2021 - 10/2021

- Built a variety of **full stack** applications using **modern frameworks** like **React**, **MongoDB**, and **Django REST Framework** individually, in pairs, and in small groups utilizing the **Agile** development process.
- **Designed, developed, tested,** and **debugged** projects that I built as well ideas from my colleagues.
- Utilized the **Scrum method** for **software development** through **daily stand-ups** and the **GitHub** projects board.

Production Team Lead @ Fallen Oak Mycology
Austin, TX | 05/2019 - 03/2020

- **Designed** production schedules and **organized data** for a grow system that had at minimum 20 crops in rotation at one time.
- **Managed** and **educated** contract workers and volunteers on our growing process and **reported** daily progress and updates directly to the COO and CEO.
- Wore many hats in this **start-up** environment and kept up with **production** needs as well as **data analysis**.

Skills

- Development with **modern frameworks**
- **RESTful API design** and **Integration**
- Strong **statistical** and **analytic** skills
- Understanding of the need for **scalable** code
- **Querying** through **relational databases**
- **Effective written** and **oral skills**
- **Clean** and **easily maintainable** codebases
- **Collaborative development**
- **Version control** using **Git**

Education

B.S. Biology @ Texas State University
San Marcos, TX | 08/2013 - 12/2017

- Completed an optional **undergraduate thesis** in my final two semesters
- **Honors College Scholarship** Recipient 2015
- **Tutored** other students in **math**, chemistry, and biology in both **one-on-one** sessions and **groups** as large as **15** students

Projects

DataCollective

- A **full stack** application using **React** and **Django REST Framework** geared towards **data collection, analysis,** and **visualization.**
- Developed **7 back end models** and **15 views** that handled a large majority of the **data filtering** to create a **scalable front end interface**

Feedback Loop

- **Collaborative** project working with a **Scrum master** and an **iterative design** process.
- **Full stack application** utilizing the non-relational nature of the **MERN Stack**