Julie T. Altman

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GitHub: https://github.com/skolnikskolnik

Career Summary

Full stack web developer with a background in chemistry education. Highly organized and content-oriented, and known among staff and students alike for being highly adaptable, detail-oriented, and capable of leading teams to success.

Technical skills

HTML, CSS, JavaScript, JQuery, Bootstrap, Node Js, MySQL, and Express, GIT, GitHub, APIs, JSON, AJAX, SQL, MongoDB, React, the command line, and learning every day

Projects and Applications

Titration Curve Generator
- **https://github.com/skolnikskolnik/titrationCurve**
- Generates a theoretical graph of pH versus volume of base added based on user input on experiment conditions and creates a database of weak acids

Eat-Da-Burger
- **https://github.com/skolnikskolnik/voulezvousfromage**
- A website that keeps tracks of customer's food orders, and allows customers to delete entries. Written in JavaScript and uses express, mysql; deployed on Heroku.

Employee Management System
- **https://github.com/skolnikskolnik/celeste_contrebandiere**
- A command-line application for managing datasets for employees in a company. Written in JavaScript and uses inquirer and mysql

Covid Testing App
- **https://github.com/rquiroz32/Covid-19_TestingApp**
- A website/App in which users can find coronavirus testing locations near them. This was a group project using the Here API as well as Google Places

Work experience

Chemistry teacher   2013-present
Hillel Yeshiva High School   Ocean, NJ
Chemistry teacher at a small but highly competitive highschool, teaching all levels of
students ranging from remedial through advanced placement. Additionally taught Robotics
and Computer Science Principles, started a YouTube channel in order to maximize classroom
productivity, and led workshops to colleagues on incorporating technology into classrooms.

Graduate Research and Teaching Assistant   2012-2013
The University of Chicago   Chicago, IL
Taught organic chemistry labs and performed research.
Key Accomplishments:
- Won the Gerhard Close Teaching Award in Organic Chemistry in 2013
- Published research in Physical Review A in September 2013

Education

Bootcamp certificate
Rutgers University   *New Brunswick, NJ*
Intensive 12-week program focusing on all aspects of web development and programming
skipps in HTML, CSS, JavaScript, JQuery, Bootstrap, Node Js, MySQL, Express, and more.

The University of Chicago   *Chicago, IL*
M.S. Chemistry   GPA: 3.4
Graduated in August of 2013

Rutgers University   *Camden, NJ*
B.A. Chemistry with a minor in Mathematics   GPA: 3.96
Graduated in May of 2012