

Julie T. Altman

Moving to Philadelphia, PA, 19103 June 2021

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LinkedIn: <https://www.linkedin.com/in/julie-altman-0a639165/>

GitHub: <https://github.com/skolnikskolnik>

Portfolio: <https://skolnikskolnik.github.io/skolportfolio/#/>

Summary

With eight years of experience in high school science secondary education, ready to become a full stack web developer. Highly organized and content-oriented, and known among staff and students alike for being highly adaptable, detail-oriented, and someone who can always find a solution

Technical skills

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

Projects

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
- MySQL, express, JQuery, Chart.js, HTML, CSS, Bootstrap

Google Books Search

- <https://github.com/skolnikskolnik/quatrepattes>
- An application that allows users to search through the Google Books library, then add books to their account.
- MongoDB, React, Google Books API, Material UI

ReadMe Generator

- <https://github.com/skolnikskolnik/bebechevre>
- A command-line application for generating readme.md files
- Node.js, inquirer

BookBook

- <https://github.com/skolnikskolnik/bookBook>
- A book sharing website where users can add books to their library and share books with other users. This was a collaborative project.
- MySQL, Google Books API, express

Experience

Hillel Yeshiva High School

Deal, NJ

Chemistry Teacher

September 2013 - present

- Taught all levels of chemistry, ranging from College Prep through Advanced Placement
- Created relevant content on youtube (https://www.youtube.com/channel/UC_KXDwR1AwUJfk7y5t1WmRw)
- Started Computer Science Principles as a freshman course after training with code.org
- Faculty chair for the Robotics Club, where students learned to make machines using Arduino microcontrollers

The University of Chicago

Chicago, IL

Graduate Research and Teaching Assistant

October 2012 - August 2013

- Taught organic chemistry labs to undergraduates and performed research
- Won the Gerhard Closs 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 skips 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