

Julie Altman

Full-Stack Software Engineer with over eight years of teaching and mentoring experience, and a background in theoretical chemistry research. Effective collaborator, efficient planner, lifelong learner.

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EXPERIENCE

The Neat Company, Philadelphia, PA — Software Engineer I

February 2022 - September 2022

- Refactored how session-level user preferences were stored and retrieved to create smoother developer and user experience using Redux
- Implemented complex features, such as demo data that users who had not completed onboarding could use and manipulate, as well as updated onboarding flows to increase new user retention

The Neat Company, Philadelphia, PA — Associate Full-Stack Software Engineer

August 2021 - February 2022

- Collaborated with a team of three people to completely overhaul all stylesheets in the web application from global to functional stylesheets over the course of two months, resulting in a code-base that is easier to debug and to create new features
- Implemented new features using React, JavaScript, HTML, and CSS, such as a read-only mode for users who have not completed all of onboarding, with the goal of increasing the time the user spent with the web application by 20%

Hillel Yeshiva High School, Deal, NJ — Chemistry Teacher

September 2013 - August 2021

- Taught all levels of chemistry to the student body of 200 students, ranging from remedial to AP level
- Started an AP Chemistry program from scratch in 2013. 80%+ of students pass the AP Chemistry Exam
- Started AP Computer Science Principles in 2018, starting with just 11 students and growing each year in numbers and in diversity

The University of Chicago, Chicago, IL — Graduate Research Assistant, Teaching Assistant

September 2012 - July 2013

- Taught organic chemistry labs to undergraduates and performed theoretical chemistry research
- Won the Gerhard Closs Teaching Award in Organic Chemistry in 2013
- Published research in Physical Review A in September 2013

Technical Skills

React, React Native, Node.js, GraphQL, Redux, CSS, HTML, Git, Github, APIs, AJAX, SQL, MongoDB

EDUCATION

Rutgers University — Boot Camp Certificate

The University of Chicago — Master of Science in Chemistry

Rutgers University — Bachelor of Arts in Chemistry

Minor: Mathematics