

# ADAM ZHOU

Full Stack Developer

**adam-zhou.com**  
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## TECHNICAL SKILLS

JavaScript	PostgreSQL
HTML5	RDMS
CSS3	Unit Testing
Node.js	Websockets
Express.js	Git (VCS)
AWS	Unix CLI
React	CI/CD
Redux	REST

## CONTACT

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## INTERESTS

Fiction (Literary, Sci-fi)  
Podcasts (RadioLab, Freakonomics)  
NBA  
Dota2

## PROJECTS

### Scratch | [scratch.cloudfront.com](https://scratch.cloudfront.com)

A serverless (AWS) note-taking application

- Built using Serverless framework, React, and AWS resources (DynamoDB, S3, Cognito, and CloudWatch)

### Lookbook12 | [lookbook12.herokuapp.com](https://lookbook12.herokuapp.com)

A library web app built using React

- Created using Node, React, Redux, and the Open Library API
- Users can search for books by title, author, or keyword and sort/filter results

### Moon Marauders | [shark-heron.herokuapp.com](https://shark-heron.herokuapp.com)

A social deduction game based on secret identities

- Built a MVC system using logic controllers to manage game state (WebSockets) and React to render the user interface.
- Designed responsive UI for game modes containing up to 12 players

### Build24 | [build24.herokuapp.com](https://build24.herokuapp.com)

An arithmetic-based multiplayer game

- Created in four days using Node, Express, and React
- Implemented a chat room and user log to handle multiple players

### Grace Shopper | [iron-flowns.herokuapp.com](https://iron-flowns.herokuapp.com)

An E-commerce web app selling GoT merchandise

- Built using Node, Express, and PostgreSQL (RDMS)
- Capable of handling orders for unauthenticated and authenticated users

## EXPERIENCE

### Estée Lauder Companies

Sep. 2017 - Sep. 2018

Chemist

- Used analytical software (Novatek, Empower) to document chemical composition and create specifications for 50+ material batches
- Performed chromatography testing on hundreds of commercially released products

### Siemens Health Diagnostics

Jul. 2016 - Jul. 2017

Biochemist

- Part of a team that developed a clinical chemistry analyzer (Atellica Solution) capable of processing 440 tests per hour
- Improved robustness of immunoassays: Troponin I, CA 19-9, and Vitamin B12

## EDUCATION

### Fullstack Academy New York

Aug. 2018 - Dec. 2018

Software Engineering Immersive

- Partook in a 17-week course to learn the NERD stack, associated technologies, and develop programming knowledge.

### New York University

Sep. 2011 - May 2016

B.A. in Chemistry

Coursework:

- Quantum Mechanics, Thermodynamics, Kinetics
- Introduction to Computer Programming (Python)