

Andrew Chon

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EDUCATION

Northwestern University

Full-stack Software Engineer Certificate

Chicago, IL

March 2020

Emory University

Bachelor of Science in Biology

Atlanta, GA

May 2016

GPA: 3.78

SKILLS

Languages: JavaScript, TypeScript, Python, HTML, CSS

Technologies: React, Redux, Node, Express, MySQL, DynamoDB, MongoDB

Tools: Git, CI/CD, Heroku, Postman, Jest, AWS (Lambda, Amplify, S3), Scrum Agile Methodologies,

WORK EXPERIENCE

Sip Language

Chicago, IL

Full Stack Engineer

June 2020- Present

- Built the language teaching webapp via YouTube using React with Hooks and a serverless AWS backend
- Automated YouTube ingesting using AWS Lambda and DynamoDB, reducing lesson creation from about a day to under a minute
- Improved perceived loading times by caching API requests and lazy loading any updated information
- Condensed DynamoDB schemas and optimized API routes, reducing the number of needed tables from seven to five

Tempus Labs

Chicago, IL

Clinical Data Analyst

June 2019–June 2020

- Researched and analyzed over 3000 clinical oncology cases, extracting key data points and trends that contributed to winning \$175 million in new contracts with major oncology pharmaceutical companies

PROJECTS

DevConnector

DevConnector is a social networking forum for developers to share and discuss their next big ideas

React | Node.js | Express.js | MongoDB | Redux | JWT

- Fullstack app utilizing React and Redux for global state management, JWT for user authentication and protected routes/endpoints, and MongoDB for a flexible database
- Built extensive backend RESTful APIs with built in validation, permissions, and error handling tested extensively with Postman

BAE

Bae is a meeting management system to shorten meetings by removing unnecessary items on the meeting agenda

React | Node.js | Express.js | MongoDB | Mongoose | TailwindCSS

- Implemented the backend software, including the Express server, MongoDB database and Mongoose schemas, and the REST APIs for the front end as well as the Home and User page.
- Managed the design language and workflow to finish the project in a cohesive and quality-bound manner

FitBoard

A social workout app where friends compete and motivate each other to maintain a workout routine

HTML5 | CSS | Node.js | Express.js | jQuery | MySQL | Sequelize

- Initialized the backend Express server and deployed the REST APIs
- Designed the user authentication system with bcrypt for secure password encryption