

Danny (Yanrong) Xu

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SUMMARY

Solid software engineer with strong programming, analytical and mathematical skills. Has a wide range of software development project experience, including **full-stack web application development**, with **JavaScript** and **Python**. 2+ years of programming experience for full-stack development.

EDUCATION

Lambda School

Full Stack Web Development and Computer Science

August 2018 - August 2019

Broward College

Associate in Arts, Dean's List

September 2013 - December 2016

SKILLS

Programming Languages: Object-oriented design using **Node.JS** and **Python**, web development using **HTML**, **CSS**, **JavaScript**, **Typescript**; Framework: **ReactJS**, **React Native**; database operation using **SQL**; **Database:** relational database (**MySQL**, **PostgreSQL**) and NoSQL database (**MongoDB**)
Computer Science: data structure and algorithms; object-oriented programming

WORK EXPERIENCE

Team Lead, Lambda School

December 2018 - May 2020

- Worked with a group of web developers and data scientists in shipping out application iterations on a biweekly basis
 - Facilitated smooth communication between the data science engineers and full-stack web developers
 - Aided web group with integrating the data science API into the front-end application's backend server
 - Scheduled weekly meetings with external project stakeholders as a means to get feedback for current application iteration and specific areas that will need to be polished for client consumption
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PROJECTS

Linkedin Talent Hub: React.JS Chrome Extension - Share and Filtering Candidate

Github: [Linkedin Talent Hub](#)

- Developed a dynamic Web page and Extension for users to add, delete, update and share candidate
- Improved in-organization talents source time by 30% by reducing duplicated candidate reviews.

Back End:

- Created Node.JS servlets with **RESTful** API to handle HTTP requests and responses
- Built relational and NoSQL databases (MySQL, MongoDB) to capture data from Linkedin API
- Designed algorithms (e.g., **name-based** filtering) to implement candidate filtering function
- Deployed server to **Amazon EC2** to handle 100 queries per second tested by **Apache JMeter**

Front End:

- Designed an interactive web page and chrome extension utilizing **AJAX** technology (HTML, CSS, Javascript, and ReactJS)

Github Trending - React-Native on iOS / Android

Github: [Github Trending](#)

- Developed an React-Native app for users to save and share current Github trending Projects.
- Designed algorithms (e.g., **language-based** filtering) to handled user's input selection based on language and update the content.