

YAN CHEN

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EDUCATION

Boston University | Boston, MA

Expected Graduation: May 2022

Bachelor of Science in Computer Engineering

- GPA: 3.81/4.00
- Honors: Dean's List, Albert Shanker Scholarship

Relevant Coursework: Intro to Operating Systems

Cloud Computing

Intro to Machine Learning

Applied Algorithms

Intro to Software Engineering

Digital Logic Design

SKILLS

Programming: Python, C++, C, JavaScript, Java, HTML/CSS

Tools: Node.js, Express.js, Django, Flask, React.js, React Native, MongoDB, MySQL, PostgreSQL, Firebase, Google Cloud, Git

Spoken Languages: Chinese (Mandarin), English

WORK EXPERIENCE

Open Water Accelerator | New York, New York

June 2020 – Aug 2020

Software Engineer Intern

- Developed a cross-platform mobile App in **React Native** with **Firebase** database and authentication.
- Implemented more than 33% of the App's core features with **Google Cloud** APIs integration.
- Promoted a portfolio company to launch a fully functional MVP of the App.

Gridology Education & Technology Inc. | New York, New York

May 2020 – Sep 2020

Software Engineer Intern

- Developed and maintained **RESTful** APIs in **Django**, updated APIs to streamline **PostgreSQL** migrations.
- Designed and implemented multiple web crawlers to automate database updates with over 1000 records. Reduced web crawlers' runtime by 90%.

Hutyr Research Lab | Boston University

Feb 2020 – May 2020

Research Assistant

- Designed and built a web visualization platform to manage and visualize sensor data in real time.
- Implemented **RESTful** APIs using **Node.js**, **Express**, **MongoDB** to provide user authentication and authorization for data management and access.
- Developed real time visualization charts using Chart.js, Socket.io, **HTML/CSS**, Bootstrap 4, and jQuery.

TECHNICAL PROJECTS

Burger Builder | React, Redux, Firebase

July 2020

- Developed a web application that allows users to select ingredients and build their ideal burger in real time using **React**, **Redux**, and **Firebase**.
- Implemented features such as a ingredients selector, order checkout and transaction handling.

Yelp Camp | Node, Express, MongoDB, HTML, CSS, Bootstrap

Jan 2020

- Developed a review forum web application for campgrounds with a responsive web interface.
- Implemented RESTful routings, authentication and authorization by using **Node.js**, **Express**, **MongoDB**, **HTML**, **CSS**, and Bootstrap.

Terrier Exchange | Firebase, Android Studio, Java

Dec 2019

- Designed and developed an online marketplace Android app for Boston University students to buy, rent, and sell textbooks using **Android Studio** and **Java**.
- Integrated backend using **Firebase** to provide user authentication, database, and storage.
- Led a team of 5 as the technical lead, designed project layout, and resolved technical difficulties.

LEADERSHIP & ACTIVITIES

Treasurer, **Global App Initiative** | Boston University

Sep 2019 – June 2020

Member, **Machine Intelligence Community** | Boston University

Sep 2019 – Present