

Boyan Liu

• 240-906-9046 • lbyyb11996@gmail.com • <https://github.com/BoyanLiuu> • <https://www.linkedin.com/in/boyan-liu1118/>

Education

Bachelor of Science in Computer Science
University of Maryland, College Park, MD

Dec. 2020
GPA: 3.81

Skills

- Programming Languages: Java, JavaScript, Python.
- System: Windows, Linux.
- Industry Knowledge: Web Development, RESTful API, Agile Methodologies.
- Tools: React, React-Native, SCSS, Styled Component, HTML5, CSS3, Bootstrap, Git, VSCode, Firebase, SQL.

Work Experience

Fraunhofer USA CESE

Software Engineer (Part-time)

College Park, MD
Sept. 2020 – Dec. 2020

- Built a user-friendly dashboard interface with **Vue.JS**, **Vuex**.
- Built modular and reusable components.
- Cooperated with team members using **Git & Gitlab**(Agile Development Cycle).
- Implemented Python **Flask** web framework to create **RESTful API** backend service.

SpringGem Weather Information

Web Developer (Part-time)

College Park, MD
May. 2020 – Aug. 2020

- Built out features of weather and road conditions forecasting web app for a professor under the University of Maryland's Department of Atmospheric and Oceanic Sciences, using **Django** and **PostgreSQL**.
- Developed an interactive visualization map for COVID-19 pandemic, using **Javascript**, **Bootstrap** in the frontend, and Python **Django**, **PostgreSQL** for the backend.
- Maintained the website <https://sg-weather.com/> on digital ocean.

University Of Maryland Computer Science Department

Introduction of Web Development Teaching Assistant (Part-time)

College Park, MD
Feb. 2020 – Aug. 2020

- Answered students' questions and concerns related to Javascript, React.JS, Express.JS.
- Guided a group of 25 students by providing clarification, examples, and tutorials that support the student in developing a problem-solving strategy and authentic solution.

Personal Projects

Frontend Mentor Challenges (Javascript, React.JS, Styled Component)

Dec. 2020

Project URL: <https://www.frontendmentor.io/profile/BoyanLiuu>

- Converted over 20 UI design files to the pixel-perfect living websites.
- Implemented all the projects with HTML, CSS. Some of them used **React.JS**.

Arcade Chat Room (Javascript, Node.JS)

Dec. 2019

Project URL: <https://arcade-chat.herokuapp.com/>

- Demonstrated expertise in utilizing **Node.JS**, **Express**, **Mongoose**, **Socket.io**, and **Passport** for designing a real-time chat application.
- Led a team of 2 to design, build, and test the project and awarded the first position during the CMSC389K final project contest.

Movie Website (Javascript, Bootstrap)

Sep. 2019

Project URL: <https://boyanliuu.github.io/movie-website/>

- Browsed your favorite movies, actors and watch trailers. See what's playing in theaters right now. Discover upcoming, trending, and top-rated titles.
- Implemented with **TMDB API**, **Bootstrap**, **Javascript**.