

Cover Letter

I would like to express my interest in applying for the position - "Software Engineer" as posted on the LinkedIn website. I am currently a senior student in University of Wisconsin-Madison and majoring in computer science. I will be graduating in the coming December 2020 with Bachelor Science degree. With my pleasure talking with Alan Linux, who is a software engineer Intern (COO MSRA) at Microsoft, we both think my experience would perfectly fit your position. My qualifications could be shown as below:

NodeJS Experience, MVC, Web Services and APIs:

I had a great software engineering experience at degree requirement with developing an event search and recommendation web service website. It was NodeJS with using factory pattern and Model-View-Controller architecture pattern. I was working on *remove.bg* API integration to handle HTTP requests and responses as well as some features development for Computer Vision picture removal function by utilizing Google Cloud Platform.

Firebase, ReactJS, bootstrap:

In my project, I developed a full-stack virtual wardrobe web service system. The whole wardrobe information visualization feature is based on **ReactJS**, Bootstrap. It is a web application helps user deciding wearing outfits by uploading physical clothing pictures into virtual wardrobe with background removal techniques. I used Firestore as database and kept the wardrobe information updated automatically. Also-the-user authentication feature was implemented with using Firebase.

Strong Communication Skills:

Another internship experience could show my strong communication skills. Due to the location limitation, I was working for BETTER - Cup Rental System at National Taiwan University (start-up) company remotely as a developer. The team I reported was located in Taiwan and I was based in WI, USA. With the strong communication skills, I could always understand the tasks correctly and deliver my contribution on time with high quality and the project timeline was ahead of the plan thanks to the great teamwork between different locations.

Overall, I am confident to fit the position posted since I find myself perfectly matching with the skills requirement listed with my multiple projects experience. I am also a hard worker, fast learner and tech lover. It would be nice if you could provide an interview opportunity to have me to prove the ability I presented above.

Thank you

Best regards,
Yi-Yang Lin