

Han-Yun (Henry) Yeh
3252 Geneva Drive
Santa Clara, 95051 CA
☎ +1-341-314-7855
✉ hanyuny@andrew.cmu.edu

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[To Whom It May Concern] // Specific person,

I am writing this letter to express my interest in your posting on LinkedIn for the [OOOO] position at [company name]. I am a graduate student at Carnegie Mellon University majoring in Software Engineering and I'm very excited about combining my technical skills in [web development/xxx/xxx/xxx] with the project of your team.

At CMU, I developed a COVID-19 emergency communication social network with my team using HTML/CSS, Pug, Bootstrap, JavaScript (jQuery) as frontend, and Node.js (express), MongoDB as backend. I was responsible for implementing the backend functionality, some frontend behavior, and refactoring code when necessary. And we applied several software engineering practices such as Agile, unit tests, CI/CD, design pattern for this project.

Besides, I coordinated with my teammate across different time zone and everything ran smoothly since we had good communications, strict time scheduling and flexible work load balancing. Everyone could support each other. I am confident my passion of software engineering and teamwork skills make me an excellent match for this position.

I understand that capability of learning new technologies is a very important asset to be a software engineer. Based on my previous working and research experience, I have a diverse background such as system software/firmware and machine learning (focus on speech processing) besides software engineering. In Novatek Microelectronics, I improved the verification report generator of television IC, audio driver, and optimized DTS sound effect algorithm with DSP processor solving the trade off of accuracy and efficiency. And during my bachelor and master degree research, I dugged into speech processing and study for Mandarin language model and speech recognition. These experiences show that the solid knowledge I have allows me to switch to different roles. I am willing to do any new attempts and am able to make good use of previous knowledge.

I am highly motivated to contribute my passion, broad knowledge and software engineering skills through this position. Thank you for your time and consideration. I look forward to discussing my qualifications with you in the near future. I can be reached at 341-314-7855 or by email at hanyuny@andrew.cmu.edu.

Best,

Han-Yun (Henry) Yeh