The rapid evolution of technology has introduced a myriad of innovative applications that continuously reshape our world. With over five years of experience in the technology sector across various roles, I've developed a long-term vision: to create a "hot" product—one that's not only functional but also deeply resonates with people's physical and emotional needs. My passion lies in crafting products that users will genuinely love.

My solid academic and practical foundation supports this ambition. I hold Bachelor's and Master's degrees in Computer Science and have participated in several research projects. During these experiences, I led my team through crucial processes such as requirements analysis, database design, and system design. This blend of technical expertise and leadership experience has laid a strong foundation for my internships and full-time positions in the technology sector.

In 2019, I joined Mobvoi, a leading AI company specializing in generative AI and voice interaction technologies. My career there has progressed from speech engineer to Tech Leader, providing me with extensive hands-on experience in algorithm research, project engineering, evaluation, data science and product engineering. These diverse experiences have ignited my passion for creating valuable products with my team—a goal that perfectly aligns with my personal interests and professional aspirations.

Product Experience With Moyin

One of the most notable experiences in my career has been my involvement in the development of a well-known ToC product, **Moyin** [i](Dupdub), along with several related auxiliary products. Moyin, boasting over 8,000,000 registered users and 500,000 paying customers, offers intelligent text dubbing for media creators. This innovative tool enables them to produce high-quality audio content while significantly reducing time and costs. As a pioneering product launched during the "short video" era, Moyin has undergone multiple refinements and continues to maintain its popularity in the market.

Shortly after joining Mobvoi, I had the opportunity to work on an initially overlooked product that began its incubation within our text-to-speech group. What started as a simple tool for processing polyphones evolved into a sophisticated, professional text-dubbing platform. Over the course of 18 months, we shifted our target audience from Key Opinion Leaders (KOLs) to the general public. Throughout this transformative period, I wore many hats and took on several crucial roles:

- **Product Designer**

   I played a key role in the early product planning stages, carefully evaluating the technology's maturity. As there were no comparable products in the market, we essentially became our own first users. Our team engaged in daily, intense discussions to maximize user-friendliness and convenience. By harnessing our technical expertise, we developed unique features such as sound editing for pauses and polyphone corrections—innovations that distinguished our product in the market at that time.

- **Technical Developer**

As the initial algorithm developer, I focused on algorithm research. At first, the product requirements of Moyin seemed ambitious, but I soon realized that thoughtful product design could bridge the gap between technical feasibility and user needs. We designed complex business logic to deliver seamless user experiences, and our efforts ultimately yielded effective results.

- **Product and Technology Communicator**

As a communicator, I served as a liaison between various teams, including front-end, back-end, and UI designers. This role was crucial because Moyin is a technical product built on our team's technological expertise. This experience highlighted the importance of effective communication and teamwork. I cultivated my ability to listen to diverse perspectives and express my own ideas clearly, which fostered smooth collaboration and ultimately led to the project's successful completion.

- **Product Operations**

In the product's early stages, when resources were scarce, all team members—myself included—took on customer service roles. I personally interacted with hundreds of customers, collecting invaluable feedback that drove continuous product improvements. This hands-on experience led us to identify our core user base, whom we affectionately dubbed "**Moyou**[ii]". More importantly, it underscored the crucial role of user research in successful product development.

The journey with Moyin marked a turning point in my career. It not only expanded my technical and product management expertise but also instilled in me a deep understanding of the complexities of developing a successful product. Through this experience, I gained a profound appreciation for user-centered design, creative problem-solving, and effective communication. I continue to apply these valuable skills as I support various other products at Mobvoi. Looking to the future, I'm passionate about contributing to the development of products that will make a meaningful difference in people's lives.

Conclusion

In summary, I am deeply motivated and passionate about pursuing a M.S. degree. Over the past few years, I came across several excellent engineers and product managers, and I with to collaborate heavily with salient students and contribute to my interests with fulfillment. As a Tech Lead in Mobvoi, I have honed soft skills in teamwork, communication, and team management. Getting product results with my team inspires and motivates me to seek my next stage of career and pursue my passion in a new area.

When I discovered the Product Development Engineering program at USC, I knew it was perfect fit for me. Other universities in Southern California did not offer this program, making USC Viterbi my top choice. I am eager for USC to serve as the launchpad for my journey into furthering product development and contributing to the field. Thank you for considering my application. I look forward to the opportunity to be a part of USC's vibrant community.

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[i] "Moyin" is derived from the pronunciation of "魔音," which means "magic voice."
[ii] "Moyou" is derived from the pronunciation of "魔友," which means "friends of magic voice."