

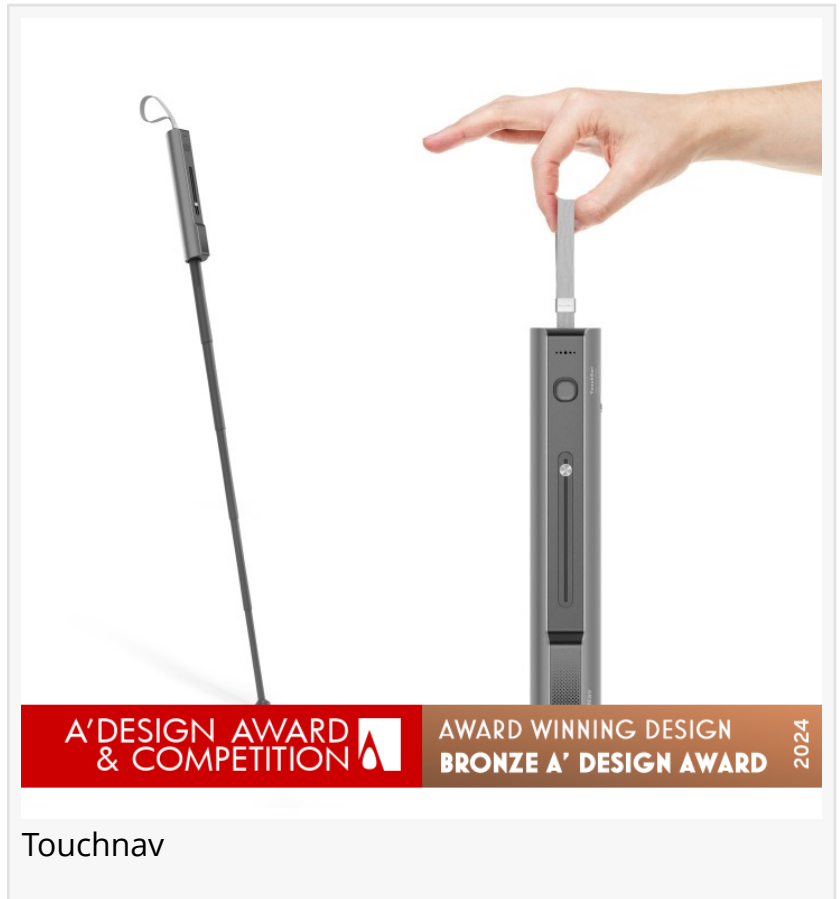
# Touchnav by Jifeng Shen, Tianhao Liu and Guanghui Huang Wins Bronze in A' Engineering and Innovation Awards

*Innovative Navigation Cane Touchnav Receives Prestigious A' Design Award Recognition in Product Engineering and Technical Design Category*

COMO, CO, ITALY, October 8, 2024 /EINPresswire.com/ -- The A' Design Award, a highly respected and well-recognized award in the field of [engineering](#) design, has announced Touchnav by [Jifeng Shen, Tianhao Liu and Guanghui Huang](#) as the Bronze winner in the Product Engineering and Technical Design category. This prestigious recognition highlights the significance of Touchnav within the engineering industry, positioning it as an innovative and impactful design solution.

Touchnav's recognition by the A' Design Award underscores its relevance to current trends and needs within the engineering industry. By converting complex navigation data into intuitive tactile feedback, Touchnav aligns with the growing demand for assistive technologies that enhance accessibility and independence for visually impaired individuals. This award validates the practical benefits of Touchnav for users, the industry, and other stakeholders, emphasizing its utility and innovation.

Touchnav stands out in the market through its unique combination of tactile progress bar and memory point vibrations. The tactile progress bar enhances users' spatial awareness and safety by providing real-time feedback on their journey's progress. Memory point vibrations offer gentle guidance, strengthening users' connection to their environment. These innovative features, coupled with the cane's ergonomic design and durable construction, make Touchnav a supportive companion that boosts the confidence and safety of visually impaired users.



Touchnav

The recognition of Touchnav by the A' Design Award serves as a catalyst for future innovation and exploration within the field of assistive technologies. It highlights the potential for design to positively impact the lives of visually impaired individuals and inspires further advancements in accessibility solutions. This award motivates the Touchnav team to continue striving for excellence and innovation, fostering a commitment to creating products that empower and support users.

Touchnav was designed by a talented team of individuals, each contributing their unique expertise to the project. The team members include: Designer Jifeng Shen, who specializes in human-computer interaction; Designer Tianhao Liu, a multidisciplinary designer and programmer; Designer Zinan Li; Designer Yaowei Zheng; and Designer Pengyu Chen. The project was overseen by Guanghui Huang, an Associate Professor and PhD supervisor at Macau University of Science and Technology.

Interested parties may learn more about Touchnav and its innovative features at:

<https://competition.adesignaward.com/ada-winner-design.php?ID=159017>

#### About Jifeng Shen, Tianhao Liu and Guanghui Huang

Jifeng Shen, Tianhao Liu, and Guanghui Huang are a dynamic trio hailing from Macau, China. Jifeng Shen, a scholar in human-computer interaction, brings his extensive practical experience and multiple [design awards](#) to the team. Tianhao Liu, a multidisciplinary designer and programmer, contributes his expertise in smart hardware and artificial intelligence technologies. Guanghui Huang, an Associate Professor and PhD supervisor at Macau University of Science and Technology, provides guidance and leadership to the team. Together, they combine their diverse skill sets to create innovative solutions that address real-world challenges.

#### About Touchnav

The Touchnav team, comprised of five university students from diverse academic backgrounds, is committed to enhancing the independence and safety of visually impaired individuals with their innovative navigation cane. Their inventive solution, Touchnav, transforms environmental data into tactile feedback, enabling users to navigate with confidence and ease. This interdisciplinary team melds a unique combination of creativity and technical expertise to advance accessibility and champion inclusivity. In developing Touchnav, they are not merely crafting a navigation tool but are nurturing a more interconnected and supportive community for the visually impaired.

#### About Bronze A' Design Award

The Bronze A' Design Award recognizes designs that demonstrate a notable level of creativity and practicality. It acknowledges the skill and dedication of designers who produce work that stands out for its thoughtful development and innovative use of materials and technology. These designs are recognized for their professional execution and potential to positively influence industry standards. Winning the Bronze A' Design Award in the Product Engineering and

Technical Design category signifies that Touchnav excels in areas such as innovative application of technology, practical functionality, sustainability, user-centric design, and compliance with industry standards.

#### About A' Design Award

The A' Design Award is an international and juried design competition that has been recognizing and promoting superior products and projects since 2008. Open to entries from all countries and organized across multiple industries, the A' Design Award aims to make the world a better place through the transformative power of good design. By showcasing pioneering designs on a global stage and celebrating the creative minds behind these innovations, the A' Design Award drives forward a cycle of inspiration and advancement. Interested parties are invited to learn more about the A' Design Awards, explore the esteemed jury members, view past laureates, and participate with their own projects at <https://engineering-award.com>

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