Team T’ena

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| **Founder and CEO: Charmayne ML Hughes, PhD** is an experienced entrepreneur with over 15 years of experience studying movement control in individuals with acquired brain injuries. Using her background in motor control neuroscience and engineering, she elucidates the impact of violence and trauma on underlying neurocognitive and neuromotor functioning, and develop scientific, engineering and technological solutions that benefit resource-constrained and vulnerable populations.  Dr. Hughes completed her PhD in motor behavior with a specialization in motor control from Purdue University in 2010. She previously worked as a senior post-doctoral researcher in the Robotics Research Centre in the Department of Mechanical and Aerospace Engineering at Nanyang Technological University, a senior postdoctoral fellow at the Technical University of Munich, and a post-doctoral fellow in the Neurocognition and Action Research Group, Department of Psychology and Sport Sciences at Bielefeld University. She has also held joint appointments with the Research Institute for Cognition and Robotics (COR-Lab), and the Center of Excellence: Cognitive Interaction Technology (CITEC), both within Bielefeld University. She will receive her MBA (marketing emphasis) from San Francisco State University in May 2021. |
| **Founder and CTO: Xiaorong Zhang, PhD** has broad research experience in embedded systems, human-machine interfaces, signal processing, and pattern recognition. She has developed electromyography and inertial measurement unit (IMU)-based HMIs for upper- and lower-limb movement recognition, and implementing the HMIs on mobile applications as well as real-time embedded systems such as microcontrollers/ microprocessors and field-programmable gate arrays (FPGAs). |
| **VP Finance: Semhar Gebreyesus** oversees all financial related matters, including budget management, and financial strategy analysis. Semhar has a Bachelor’s degree in biochemistry and a MBA from San Francisco State University. Semhar is also a Healthcare, higher education, and nonprofit Senior Relationship Associate with Wells Fargo. |
| **VP Corporate Responsibility and Community:** Chloe Gordon-Murer serves as the Project Manager for T’ena, where they ensures that all aspects of the business are well organized and run smoothly. Their primary responsibilities include creating the project schedule, with milestones, due dates and estimates for those materials that are required, communicating with various departments in the organization to make sure everyone is on the same page, and generating summary reports that are presented to the management team. Chloe holds a Bachelor’s of Art in Child and Adolescent Development, a Master’s of Science in Movement Science, and is completing a PhD in Movement Science at Rostock University (Germany). |
| **Senior Software Engineer:** Emmanuel Gallegos is a software engineer with a passion for computer science, electrical engineering and embedded systems technology. He has a BSc degree in Computer Science from California State University - East Bay, where he developed proficiencies in data science, machine learning, computer vision, and Android mobile development. Prior to T’ena, Emmanuel worked as a research assistant for Dr. Lynne Grewe at iLab out of CSU East Bay, where he has helped develop the Infrared Fever Indication System, a mobile augmented reality fever screening system that allows users to increase their situation awareness with respect to COVID-19 and other diseases. Emmanuel is proficient in JavaScript, Java, Python, C++, HTML/CSS, Bash, and Android. |
| **Health Communications Manager: Matteo Compiani** has extensive experience in the prevention, treatment and rehabilitation of musculoskeletal and neurological impairments. As Health Communications Manager, Matteo uses his content creation skills to create and communicate complex health content provided to patients via the Education Materials module of the T’ena System. In addition, he drafts content supporting the firm’s health policy goals, including blogs and social media, with the goal to increase the visibility of T’ena across all marketing channels. Matteo holds a Bachelor’s degree in Sports Science and Physical Education from the University of Parma (Italy), and is currently completing his Master’s in Kinesiology at San Francisco State University. |