

SECRETARY (CIO):



San Diego
Professional

CANDIDATE: KEVIN WEBB



Kevin Webb is a QA Engineer at Apple in San Diego, California. He grew up in Georgia, went to the University of West Georgia for his first two years, transferred to Georgia Tech, and graduated with a Bachelor's Degree in Computer Engineering. During his time in Georgia, Kevin was involved with LAA, HoPe, Lambda Theta Phi, and GT SHPE with a focus of creating and participating in volunteering opportunities for underrepresented youth. After graduation, he worked at AT&T in Dallas, Texas as part of a software development program. While in Texas, Kevin continued his passion of volunteering by taking on community service chair positions for his AT&T program and the North Texas Professional chapter of his fraternity.

Kevin has been the SHPE SD social media chair since the beginning of 2021 and has overseen Instagram, Facebook, LinkedIn, and other social media platforms. His first initiative was to introduce a platform that would act as a central hub for communication for all SHPE SD members, and a few months later, he created a Discord group. Kevin has also been studying social media trends as well as using services like Canva to create attention grabbing infographics.

SECRETARY (CIO):

CANDIDATE: RICKI ALBERTO



San Diego
Professional



Ricki Alberto grew up in San Bernardino, CA and spent his early life moving around Southern California. While in middle school his father was deported and his family decided to move to Tijuana in order to be closer to him. Due to these unfortunate circumstances, they had to cross the border every day in order to attend school. He ended up graduating from San Ysidro High School and attended CSULB but was academically disqualified after 2 semesters because he spent all his time training and traveling with his Competitive All-Star Cheerleading Team. In fact, he traveled on paid bids to Dallas and Orlando where they won the prestigious 2011 NCA Championship and the Cheerleading World's Competition in the Senior Unlimited Coed Division. Ricki had always been extremely active throughout his life which is why after his cheer and CSULB career abruptly ended he moved back down to San Diego to attend San Diego City College and began training in Muay Thai at a local gym. While working part-time, training, and going to school full-time he learned both discipline and time management. Slowly but surely he discovered his love for Mathematics such that four years later he was readmitted back at CSULB. He graduated with a B.S. in Applied Mathematics with an Emphasis in Electrical Engineering and then immediately started grad school working towards his M.S. in Applied Mathematics. After one year of grad school he put his degree on pause because, thanks to the 2018 SHPE National Convention, he was offered a position as a Scientist at Naval Information Warfare Center Pacific. Within his first 6 months of work he was left representing his command and in charge of a 30 day at-sea experiment that was done in collaboration with other participants. He later received an award for the success of said project. This year he has submitted a proposal to fund a new project, will be receiving co-authorship on a paper for contributions made towards a tracking algorithm, continues attending grad school, and continues training. What is his goal for SHPE? The road to academic success and professional success is rather difficult for first generation college students. We take one step forward and two steps back. This is why he wants to work with the chapter to increase STEM awareness and accessibility to all students, help professionals network and maintain open lines of communication.

PRESIDENT:

CANDIDATE: CARLOS AVILA



Carlos Avila was born in San Diego, raised in Tijuana, Mexico, and attended public schools in the South Bay starting in the 5th grade. After graduating from Montgomery HS in 1997, he attended Cal Poly, San Luis Obispo where he obtained a B.S. in Civil Engineering with an emphasis in Environmental and Civil Engineering in 2003. He has worked for the Rick Engineering Company since 2003 in their Civil Engineering & Land Development Division. He has over 17 years of professional experience in roles from Engineering Assistant Designer to Lead Civil Designer, Project Manager and Project Engineer. Currently, he leads design teams responsible for the preparation of final engineering plans, civil specifications, construction details and estimates, associated technical reports, as well site development plans for a wide range of clients. Focusing on a full array of professional consulting services, we help our private clients and public partnerships understand the land development approval process, using state-of-the art sustainable land development design practices to help their projects throughout the construction process.

With support from his loving wife Yvette, he is most proud of helping form his two children; Abraham a sophomore at High Tech High School, and Isabela a freshman at Johns Hopkins University, majoring in Cellular and Molecular Biology. Also, he genuinely loves supporting community and institutional organizations committed to empowering young, under-represented community members and their families, who are pursuing careers in the STEM fields. Professionally, he recognizes the power of collective teamwork, mentorship and the soft skills required to solidify the San Diego Chapter of the Society of Hispanic Professional Engineers as a forward-thinking, leading association.



San Diego
Professional

PRESIDENT:

CANDIDATE: LAZARO HERRERA



San Diego
Professional



Graduated from UCSD, Warren College. Received Mechanical Engineering degree from Jacobs School of Engineering at UCSD. Working at General Atomics – Aeronautical Systems Integration in Poway. Evaluate and coordinate repairs for various components of Unmanned Aerial Vehicles (UAV) also known as Remotely Piloted Aircraft (RPA). Responsible for wheels assemblies, brake systems and aircraft servo components. Aircraft include MQ-9, Warrior, Sky Guardian. Various customers include CBP, UK, France, Spain, Japan, US Air Force and Italy.

Previously spent over 17 years at Solar Turbines in various capacities. I have extensive experience in turbo-machinery air filtration, ducting, silencing, ventilation, evap cooler & chillers. Along with that, I also have great experience with coordinating vendor activity and quotation process. Heavily involved in First Article turbine Filtration, silencing and exhaust components for various product lines.

Actively registered as a judge for the UCSD RESEARCH EXPO annual event. Active member of the IDEA Center Industry advisory board at UCSD Jacobs School of Engineering. Founder of SUCCESS INNOVATION and Founder/President of LATINX-GA, which is an emerging employee resource group (ERG) within General Atomics.



SHPE

Leading Hispanics in STEM

San Diego
Professional

Gracias!!!
Thank You!!!