

# PATRICK VOGEL.

Making the decision to participate in the Integrated Project Delivery and Building Information Modeling thesis was one of the best decisions I have made with my time at The Pennsylvania State University. This yearlong thesis gave me the opportunity to apply what I have learned in the classroom to an eight person integrated design and construction team. The AEI Student Design Competition required our team to design a near net zero high-rise located in San Francisco from start to finish. This project helped me build upon my knowledge of having to deal with multiple construction constraints, while having to communicate effectively with the other disciplines. Having to communicate constantly amongst the disciplines allowed for our team to detect coordination issues which will typically occur in the workplace. Our team was able to work together and solve these issues. Participating in this thesis exposed to me to problems which I will be occurring in the industry and I would highly recommend any Architectural Engineering student to participate in this option. I really enjoyed working with my team and would like to thank my seven team members for their support and dedication as well as the AE faculty, thesis advisors and, industry members who have helped me along the way.

