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Featured Employee: Alec MacLean

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This August, TJCAA welcomed its newest Electrical Designer, Alec MacLean. Alec is a recent graduate of Cal Poly San Luis Obispo, where he studied Electrical Engineering with a concentration in Power Systems.



Alec comes from a long line of engineers and engineer-minded family members, from his father and grandfather to his two older brothers, who both studied Engineering at Cal Poly before him. "It seems to be genetic; there are a lot of people in my family that like to build things."

For Alec, that extends to extracurricular activities. At Cal Poly, he ran the Power and Energy Society (PES) and grew it from four members to 120. Later on, he got to work closely with his professors, and, thanks to an incident with a certain professor and thirty blown fuses (he's not naming names), Alec was able to develop a new device for checking the circuit—and the department still uses it today.

Alec considers his intuition for building things one of his greatest skills: "[At Cal

Poly], I really had quite an intuition for just knowing how to put something together." Getting to build things and see them in the real world also happens to be Alec's favorite thing about his work: "There's something that gets me so excited about that." His least favorite thing? Spec books. "Yeah, not a fan of those."

Chances are Alec will see plenty of spec books as he works toward becoming an Electrical Engineer, which, along with the comradery and small-company teamwork TJCAA offers, is what he's looking forward to most: "I've wanted to be an engineer for a long time now... So it will be very exciting for me when I get that stamp."

Alec's hobbies range from playing video games to riding horses, but rumor has it he also likes to bake. In fact, Alec faced off against his fellow Cal Poly alumni and baking enthusiast Isabel Huang at TJCAA's holiday party on December 11, and he took it very seriously: "They made the mistake of letting me choose the dish, so I was like, well, I'm going to bring you on my home turf then." With that kind of hunger and zeal, Alec did not disappoint and TJCAA staff were treated to delicious cakes from both.

Welcome to the team, Alec!

TJCAA's Business Certifications

- Alameda County Small, Local Emerging Business
- California DGS SBE
- California Green Business
- City of Colton SBE
- City of Los Angeles SBE
- City of Oakland LBE
- CPUC Women Owned Enterprise
- Eastern Municipal Water District SBE
- Inland Empire Utilities Agency SBE
- Metropolitan Water District of Southern California SBE
- San Diego County Water Authority SBE
- Port of Long Beach SBE
- Port of Oakland LIABE/SBE/VSBE
- PWC Registration—Dept of Industrial Relations (DIR)
- West Basin Municipal Water District SBE

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