

ARHON CHUA



BIOGRAPHY

Arhon Chua is an upcoming junior pursuing a Bachelor of Science in Engineering, and majoring in Chemical Engineering with a specialization in energy and the environment at the University of California, Irvine. As an undergraduate student, he has been highly involved in engineering clubs such as AICHE (American Institute of Chemical Engineers) and FUSION (Filipinos Unifying Scientists-Engineers in an Organized Network). Currently, his studies have been focused on the design and development of chemical/biochemical processes and the application of chemical engineering thermodynamics.

In the growing turmoil of today; a world full of global warming, war and depleting resources, questions often arise such as, "can we make this more efficient, more durable, and have less of an impact on the environment?" Helping to answer these questions is his personal aspiration, and a degree in the subject would be like a Segway to a goal of helping to contribute to the field in his own unique way. His objective at the **Energize Colleges Program** is to manage or provide support to specific projects that promote energy efficiency, renewable energy, and sustainability on campus residential facilities. This includes: helping create a Green Room Audit/Certification Program for on-campus housing facilities; performing research on energy usage, energy audits, sustainable procurement, interviews and/or focus groups with Housing staff or residents; and developing materials to communicate renewable energy.



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Arhon Chua is also currently an *environmental engineering intern* at **Tetra Tech** in Irvine, CA. His work there is primarily assisting the senior environmental engineer, Carl Lenker, in his desalination water treatment project in Irvine Ranch Water District to increase utilization of the Irvine sub basin through recovery and treatment of VOC-impaired, poor-quality ground water.