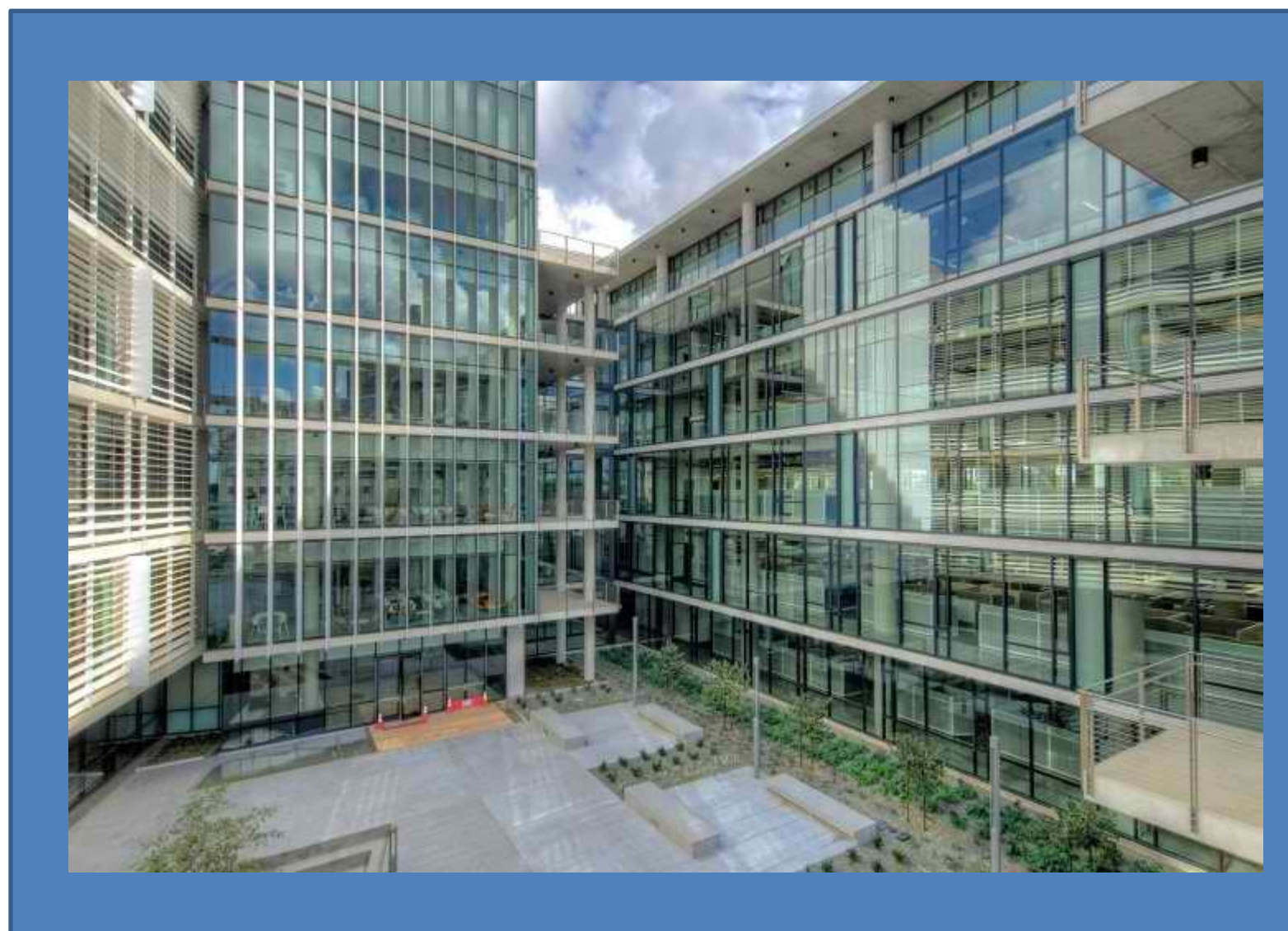# QUALCOMM®

Ryan Tjio
Interim Engineering Intern
6/13/2016 – 9/2/2016, San Diego

Background

This summer, I worked as an Engineering intern at Qualcomm in an Android multimedia testing team. I helped write and debug test automation scripts.

Perks and Highlights

- A fancy drink machine

- A variety of intern events including Q&As, meetings with UCSD alumni who are at Qualcomm, laser tag, bubble soccer, rock climbing, and more

- Helpful, friendly coworkers

- Aesthetically pleasing architecture

Achievements

- Reformatted error logging in testing scripts

- Implemented the automatic filing of change requests on test failure

- Worked with Android programs to evaluate the legibility and usefulness of error messages

What I Learned

- Scripting in Perl

- Gained real world experience with Android programming

- Differences between how to interact with scripts and how to interact with object-oriented language programs

- How rigorous industry-level testing is

UCSD Connection

- Most helpful course from UCSD: CSE 110

- Understanding the process behind software engineering was valuable in showing me how actual projects are developed

- Most of what I did wasn't related to my UCSD coursework, but my classes at UCSD gave me a solid foundation in coding logic that helped me greatly during my internship

- I hope to be able to use the scripting knowledge I gained in my future classes as well as my exposure to Android programs

Going Forward

- I want to gain experience in several areas of study (databases, computer vision, artificial intelligence, etc.)

- I further developed my desire to learn during my internship and I am looking to put it to use during the school year