

Kevin Tsao

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EDUCATION

Washington University in St. Louis Class of 2016

St. Louis, MO

Major: B.S. in Computer Science Minor: Electrical Engineering

SKILLS:

Proficient: Java, C++, LabView - Certified LabView Associate Developer (CLAD)

Experienced: PHP, Javascript, Matlab, MySQL

RELEVANT COURSE WORK

Computer Science: Algorithms and Data Structures, Database Management Systems, Systems Software, Object Oriented Programming, Rapid Prototyping and Development, Operating Systems

EXPERIENCE

National Instruments

Academic Marketing Intern

Summer 2014, Austin, TX

- Built circuits and developed Labview Software for electronics that interface with the NI myDAQ to support the myDAQ Project Essentials Guide.
- Built circuits and developed Labview Software for projects using the NI myRIO in order to document instructions on how to construct certain projects with the NI myRIO.
- Built circuitry and developed Labview Software for a LED Photophone using NI myDAQ that was displayed on the showfloor during NI Week, a technology convention.

UCLA

Summer 2013, Los Angeles, CA

- Learned LabView Associate Developer's Workshop materials and became CLAD certified in Labview
- Took logic design and computer-aided design classes

IDEA Labs Team

Team Member

Spring 2013, St. Louis, MO

- Worked in a team of four engineering students and one medical student and developed a smartphone application using Objective-C for home monitoring of prothrombin time (PT).

uSTAR Summer Scholar

Undergraduate Researcher

Summer 2012 St. Louis, MO

- Worked in Professor Igor Efimov's Lab at the Department of Biomedical Engineering in Washington University
- Set up a CompactRIO and created a multi-channel data acquisition system for a cardiac sock device.
- Wrote LabView Real-Time codes and tested functionality of the data acquisition system.

Beach Cities Robotics Team 294

FIRST Robotics Team member

2007-2011, Redondo Beach, CA

- Participated in First robotics teamwork and competition
- Developed skills in Autodesk Inventor CAD and basic fabrication.