

Andy Tang

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Education

The University of Texas at Austin
Bachelor of Science in Computer Science

Austin, TX
May 2016

Relevant Coursework

- Android Mobile Computing
- iOS Mobile Computing
- Principles of Interaction Design
- Computer Networks
- Introduction to Wireless Networks
- Foundations to Computer Security
- Database Management
- Data Structures

Experience

The Texas Petawatt Laser – Center for High Energy Density Science

Research Associate

Austin TX

March 2013 – Present

Provided LabVIEW programming support to scientists/engineers on the TPW. Developed a friendly UI architecture program to use with stepper motors. Created a program to collect laser energy values to be saved into the Petawatt's database. Thoroughly simplified documentations with every given project by cutting redundancy while making sure information is easily read and understood. Integrated a valve pump voltage input/output feature within an established program. Managed computers by re-formatting, dual booting, cleaning/organize desktop files and verifying all drivers are installed.

Kumon Learning Centers

Assistant Grader/Database Entry

Austin TX

July 2012 – July 2014

Graded students' (over 100+) problem packets and entered grades into the database with accuracy and precision faster than double that of the average worker.

Skills

Programming Languages

- Exposure: HTML/CSS
- Familiar: C/C++, Python, SQL/PL, Android, Swift 2
- Proficient: Java, LabVIEW

Fluencies

- Android Studio, Bash Terminal, Xcode
- Microsoft Windows, OS X & Office Suite

Proficient Languages

- American English (Primary)
- Vietnamese (Native)

Activities

University of Mobile Application Development

Spring 2015

Attended workshops while volunteering and maintaining events so other students including myself can embrace a rich and fun environment of learning to create mobile applications.

National Instruments Corporation

Summer 2014

Presented a Stepper Motor Motion project to the Vice President of Global Automotive Initiative and the Academic Business Development Manager to explain student involvement with their programming language and explore the opportunities of potential internships.

NIWEEK (National Instrument Week Speaker)

Summer 2014

Showcased a poster about Stepper Motor Motion Control and the The Texas Petawatt Laser's infrastructure to other physics symposium members.

SXSW Platinum Badge

Spring 2014

Volunteered and attended Interactive keynotes while networking.