

# CYRUS ROSHAN

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## Work Experience

### **Research Assistant, UNT (*Summer 2014*)**

- University of North Texas' physics department, worked for on semiconductor research
- Also wrote, maintained, and documented a program to completely automate the testing/data collection process for everything except for physically moving cryostat pins

### **Co-Founder, Game and Learn (*2014 - Present*)**

- Created nonprofit dedicated to helping educate children with mental disorders through the use of interactive programs and games.
- Lead developer - created a chrome extension to assist users with dyslexia

### **Residential Computer Consultant, TAMS (*2014 - 2015*)**

- In-house volunteer RCC, on-call for student computer emergencies
- Also monitored and maintained the computer lab and performed small tasks like wiping hard drives from donated computers and installing computer hardware

## Activities

### **Director of Hardware, HackDFW (*Fall 2015*)**

- Handled logistics and budget of multi-tiered hardware system for the largest hackathon in Texas, as well as being heavily involved with general logistics such as venue, table organization/layout, etc.
- Developed inventory management system and organized and lead hardware checkout across 2000 attendees and system sponsors

### **Director of Hardware, HackersUTD (*Fall 2015*)**

- Organized and spoke in events for UTD's largest hackathon-centric club (350 students)
- Managed hardware inventory, planned hardware workshops, and did student outreach

## Education

**University of Texas at Dallas, Richardson, TX** (*Fall 2015 - Expected May 2018*)  
BS, CS/SE (Computer Science Scholars Program, Collegium V Honors)

## Awards

### **Awards and Scholarships**

- Top 10 and won "Best use of Health Device or Health Dataset" at PennApps XII (Fall 2015)
- Top 15 and winner of "DFW Technology Challenge" at HackDFW I (Fall 2014)
- Highest tier Academic Excellence Scholarship from UT Dallas

## Skills

### **Technologies**

Javascript, C++, HTML/CSS, Angular, SASS, nw.js, node, ionic, chrome extensions, pebble.js, Arduino, Particle, Illustrator, AHK, git, osx

## Personal Projects

### **Digital Coffee**

- Hardware project that wakes you up when you start falling asleep
- Used IR reflective sensors to detect eye state, and vibration motors to wake user
- Coded and designed ionic app, pebble app, arduino and photon code, and did some wiring

### **classChecker**

- Android/iOS/WP ionic app that checks to see if the UTD class you want has opened
- Made UI, wrote code, and scraped and parsed UTD's webpage since no API was available

### **Dyslexia Reader Chrome**

- Chrome extension that makes it easier for people with dyslexia to read webpages
- Peaked at over 1k+ users, second most used dyslexia extension, 4.5/5 stars