

# Aidan Daly-Jensen

▪ Date of birth : 20 January 1993

## Contact

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## Profile

**Objective** Working at a place I enjoy, doing something I love  
**Availability** Contact me for Availability

## Education

**2011 to Present** **Candidate for Bachelor in Electrical and Computer Engineering**  
Oregon State University, Corvallis, OR  
**GPA: 3.46**

**2006 to 2011** **Lincoln High School Portland, Oregon**  
**GPA: 3.92**

## Key Skills

Spent time using and configuring multiple operating systems and software. Have completed 6 terms of Electrical Engineering courses, including digital logic design and basic C/C++ programming

### Operating Systems

- ✓ Windows 98 – 8
- ✓ OSX 10.5-10.8
- ✓ Linux: Ubuntu, Android, Fedora

### Programming Languages/Technology

- ✓ C/C++
- ✓ Python/VBScript
- ✓ Java
- ✓ Basic Networking (Wifi repeaters, bridges, VPNs)

### Courses

- ✓ Electrical Fund.
- ✓ Digital Logic
- ✓ Data Struct.
- ✓ Embedded
- ✓ Basic Circuits

### Hardware

- ✓ Multiple projects using the Tekbot and Wunderboard ([www.tekbots.com](http://www.tekbots.com))
- ✓ Basic Power supply and Li-ion Charging systems

## Current Projects

- ✓ I am currently working with a program through Oregon State University and Tektronix to design new simple user interfaces for complex testing equipment. I am focused on Android coding and application design, while also working with a Python server and wireless communication.

## Work Experience

### Tektronix Scholars Program

#### Technical Intern

Oct 2012 to Present

- ✓ Worked with a team of 3 other interns on redesigning many of the testing instruments used in our Electrical Engineering classes.
- ✓ Attempted to solve many usability problems found with complex testing equipment, simplifying confusing tasks for advanced users and shrinking the steep learning curve new users often faced.
- ✓ Manager: Donald Heer ([heer@eecs.oregonstate.edu](mailto:heer@eecs.oregonstate.edu))

### Intel Corporation

#### Software Development Intern

June 2012 to Sept 2012

- ✓ Worked with a team of interns on a project called [Micro Digital Signage](#)
- ✓ Debugged a dual screen prototype Android device and worked with Intel's internal Android kernel to create a presentation ready device that was demoed at the Intel Developers Forum 2012.
- ✓ Integrated a WiFi Driver and Firmware into a custom build of Android for an unsupported Intel device.
- ✓ Modified a UVC webcam driver for use with the Android Camera service making it accessible from all standard applications.
- ✓ Wrote an Android application to connect to a Nodejs server and stream from the camera in the MJPEG format. The feed could then be viewed in any web browser.
- ✓ Manager: Thomas Birch ([thomas.birch@intel.com](mailto:thomas.birch@intel.com))

### OSU Technology Support Services

#### Build Bench

March 2012 to Dec 2012

- ✓ Imaged and prepared computers for faculty in multiple departments.
- ✓ Responsibilities included troubleshooting new driver and software issues and creating documentation to standardize complex processes such as full disk encrypting and setting up virtual machines/Bootcamp™ partitions.
- ✓ Required extensive technical writing, organization, problem solving, and communication skills.

Honors and Awards	
<ul style="list-style-type: none"> <li>✓ Oregon State University Presidential Scholar.</li> <li>✓ Member of Chi Phi National Fraternity</li> <li>✓ OSU NCAA Division 1 Crew Team</li> </ul>	<ul style="list-style-type: none"> <li>✓ University Honors College.</li> <li>✓ International Baccalaureate Certificate.</li> <li>✓ PAC-12 Rowing Academic 1<sup>st</sup> team 2013</li> </ul>

Activities and Interests	
<b>Technology</b>	Android (basic program development, rooting, kernel development), designed and built home theater.
<b>Sports</b>	13 years competitive ski racing, soccer, running, kayaking, biking, Oregon State Crew.

Languages	
<b>English</b> (native)	<b>Spanish</b> (fluent, 12 years of immersion school)

Volunteer Experience	
<b>Western Farm Workers Association</b> <b>Multiple Positions</b> <ul style="list-style-type: none"> <li>✓ Responsibilities included answering phones in both English and Spanish; setting up appointments; directing immigrants to volunteer lawyers or doctors; organizing food drive that collected over 200 lbs. of food for organization.</li> <li>✓ Required Spanish language skills, and ability to determine and meet the needs of clients.</li> </ul>	<b>Volunteer</b> <b>October 2010 to June 2011</b>
<b>Lincoln High School Cardinal Times</b> <b>Business Manager</b> <ul style="list-style-type: none"> <li>✓ Responsibilities included: Creating and maintaining business relationships with advertisers.</li> <li>✓ Tracking the finances of the newspaper and billing advertisers and subscribers.</li> <li>✓ Working with businesses to create well designed informative advertisements.</li> </ul>	<b>School Newspaper</b> <b>September 2010 to June 2011</b>