

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)
- ✓ 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)

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)

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"> ✓ Oregon State University Presidential Scholar. ✓ Member of Chi Phi National Fraternity ✓ OSU NCAA Division 1 Crew Team 	<ul style="list-style-type: none"> ✓ University Honors College. ✓ International Baccalaureate Certificate. ✓ Multnomah Athletic Club Mel Fox Award Finalist.

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

Languages	
English (native)	Spanish (fluent, 12 years of immersion school)

Volunteer Experience	
Western Farm Workers Association	Volunteer
Multiple Positions	October 2010 to June 2011
<ul style="list-style-type: none"> ✓ 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. ✓ Required Spanish language skills, and ability to determine and meet the needs of clients. 	
Lincoln High School Cardinal Times	School Newspaper
Business Manager	September 2010 to June 2011
<ul style="list-style-type: none"> ✓ Responsibilities included: Creating and maintaining business relationships with advertisers. ✓ Tracking the finances of the newspaper and billing advertisers and subscribers. ✓ Working with businesses to create well designed informative advertisements. 	