

# Jason M. Ekstrom

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## TECHNICAL SKILLS

**Front End:** HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX

**Back End:** PHP, MySQL

**Dev Tools:** Github, Sublime Text, PHP Storm, MAMP

**Other:** C++, Assembly, Labview

## EXPERIENCE

### LearningFuze Student

June 2015 - Present

*Web Development Training, Irvine CA*

- Completed intensive 12-week full immersion web development bootcamp which required 12 hours per day during the week and 8 hours per day during the weekends of coding which represents more than 890 hours of web development training.
- Garnered skills and real-world workplace knowledge in a project oriented environment modeled after those found in development companies.
- Trained to use GitHub with git version control and collaboration tools in an agile development environment.
- Final project required students to use knowledge acquired over the course to build a web application that solved a problem of the students choosing.

### Electrical Engineer

April 2012 – June 2015

*Parker Aerospace Control Systems Division, Irvine CA*

- In the role of a software, hardware & project engineer for test console development and support
- Support production floor w/ training, system implementation, troubleshooting & calibration cycles
- Support legacy programs by finding replacements for obsolete parts
- Writing calibration procedures/documentation of system, console, and cables

## MAJOR PROJECTS

### S97 Raider Helicopter Hydraulic Actuator Test Console (Parker)

- LabVIEW real-time test console
- Created and managed schedule for Test console development and implementation.
- Ordered parts using a bill of materials and purchase orders.
- Collaborated with test console group to insure reusability of designed parts for future test equipment.
- Continuous communication with various engineers collaborating on the same project to meet schedule and troubleshoot in a development environment.

### Robot Competition (Cal Poly)

- Worked in a team of four members. When the project lead was unavailable I assumed the role.
- Designed and constructed a robot in 10 weeks to compete in tug-of-war, line follow, hide and seek, tag and treasure hunt, later added wireless remote control using xbee wireless modules (received 1<sup>st</sup> place in tug of war and 2<sup>nd</sup> overall)
- Had to meet competition requirements: shall not exceed 8''x8''x8'', completely autonomous, processing must be done on board & must transmit encoded beacon

## EDUCATION & CERTIFICATIONS

LearningFuze Web Development Bootcamp Irvine, CA	June 2015 – Sep 2015
CLAD, LabVIEW Certification National Instruments	Aug 2014
Bachelors of Science Degree, Electrical Engineering California State Polytechnic University, Pomona	Oct 2008 – Dec 2011

## ABOUT ME

- Maintain, repair, and upgrade electronics and mechanics of my truck
- Home brewing, enjoy building and dreaming of brewing systems
- Coffee roasting and various new brewing methods
- Passion and relentless drive to be creative, design, and modify to perfection
- Innate ability to troubleshoot and problem solve practically and creatively
- Clear concise communication, work well individually and thrive in an interactive team environment
- I love quoting movies and comedians, making people laugh and laughing