Kyle J. Weller

925.681.9827
kywe665@gmail.com
637 N. 300 E #4. Provo, UT. 84606

SUMMARY

Senior level undergraduate student studying Electrical Engineering. Seeking an internship or co-op experience to open doors for future full time employment.

EDUCATION

Bachelor of Science, Electrical Engineering   April 2013
Brigham Young University, Provo, Utah. GPA: 3.0/4.0
HS Diploma, Clayton Valley, California. GPA: 4.2/4.0   June 2007

COURSE WORK

Digital Signal Processing	Circuit Design	Digital Systems Design
Transmission Lines	Electromagnetism	Data Structures

TECHNICAL SKILLS

DSP techniques, Digital/Analog Circuit Design, Digital/Analog Filters, Lab Experience with Oscopes, Func Generators, and Network Analyzers, HTTP TCP and UDP Web Servers.

Languages: Javascript, HTML5, CSS3, Jade, Less, JQuery, Ender, Java, Matlab, C/C++, Verilog, Json, XML, ASP.NET, MVC, SQL, and Assembly for several microarchitectures.

Software: PSpice, Xilinx ISE, Visual Studio, Node.js, Ubuntu, Arch Linux, IIS, SQL Server, CouchDb, Tortoise Svn, Github, NPM, Adobe Photoshop and Illustrator.

Hardware: FPGA Design, State Machines, Arduino, Microcontrollers, CPU design, ISA for MSP430 and LC-3, Digital Logic, and High Frequency Microstrips.

WORK EXPERIENCE

Internship: Software Engineer, SpotterRF. Orem, UT.   April 2012 – Present
Designed and developed software to integrate with the hardware in our radar systems.
Responsibilities: Published many NPM modules and Node.js applications. Created new tools that became invaluable to the company. Redesigned existing software to have a polished, professional, and intuitive interface. Developed in Linux environments.

Web Developer, BYU Broadcasting. Provo, UT.   2011 – 2012
Developed and maintained user interfaces on byutvsports.com and byutv.org.
Responsibilities: Designed and developed several pages on our main websites. Created flexible and efficient widgets that integrated live media. Developed profile system for social interaction.

(Request a copy of my portfolio for detailed information and examples of projects)

EXTRACURRICULUR

Bilingual: English, Spanish.
2nd place EE Laser Monster Truck Rally
Member of student chapter of Acoustical Society of America
Eagle Scout