NICK REPETTI   repettin@yahoo.com
Las Vegas, NV

OVERVIEW

Senior at UNLV - **Computer Engineering** major with a minor in **Computer Science**.

I am a computer engineering student with reasonable real-world skills who is passionate about technology and its commercial applications. I am seeking an internship complimentary with my skill set and that can best position my career. Specific areas of strength include:

- Computer Software and Hardware Programming
- Microcontroller and Gate-level Circuit Design
- Computer Systems Architecture
- Wireless and Automation Systems

- Anticipated graduation: Fall 2014

- Advanced Mathematics and Electronics
- Arduino, Raspberry PI, and AVR integration and programming
- Algorithm and Data Structure Analysis
- Custom-built, full-scale, responsive portfolio website

COMPUTER SKILLS

- Java, C++, C, Assembler, some PHP, JavaScript and some JQuery, HTML5, CSS3, XML, VHDL, WordPress
- Web applications, responsive designs, AJAX, custom CMS
- Mobile, Tablet, Laptop, and Desktop devices running Windows, iOS, and Android Operating Systems
- Linux experience and familiarity – Ubuntu
- Microsoft Office, Word Processing, Spreadsheets
- Visual Studio, Quartus II, Cadence OrCad/PSpice, AVR Studio, Altium PCB Design, and Eclipse IDEs
- Digital Logic and Gate-level schematic design
- RISC architectures and processor design
- Advanced hardware and software development and integration for AVR, Arduino, Rasberry PI, and based systems

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RELATED EXPERIENCE

Software, Web & Mobile

- C++ & Java GUI Development
- Android Application Development
- Static and dynamic sites and web applications
- Responsive designs and optimized content delivery
- Custom-built Web Content Management System

Hardware

- AVR Microcontroller Programming – Assembler, C++, and C
- VHDL designs implemented on FPGAs
- From-scratch physical arcade game design and development on multiple breadboards
- Operation of Electronics Lab Equipment – Oscilloscope, Function Generator, Power Supply, Multi-meter, etc.

Tinkering

- Arduino-based self-driving toy car
- Custom-built computer
- Raspberry PI-based home media center
- Wireless sensor network with AVR AtMega328p and RF Transceiver Module

AFFILIATIONS

- **UNLV Student Ambassador Program**, College of Engineering
  January 2010 – December 2012

- **UNLV IEEE**
  December 2011 – December 2012

SPECIAL INTERESTS

Guitars, Sports, Skateboarding, and Tinkering

REFERENCES

Furnished upon request.