Colin R. Robinson

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Professional Experience

ADVANTEST EUROPE – Stuttgart, Germany Summer 2012
Intern

- Worked in the Radio Frequency Hardware Development.
- Research and development of arbitrary sample rate conversion techniques. Implementation and analysis of algorithms and discrete time filters in MATLAB and Simulink.

SYRACUSE UNIVERSITY ITS DEPARTMENT – Syracuse, NY 2009-Present
Lead Web Developer & Team Leader at Online Platforms

- Only undergraduate employee to be promoted to Team Leader. Manage a team of four employees responsible for fulfilling external website contracts and building new services for the university.
- Developed several large web applications including a social web hosting platform which now hosts over 900 websites for students and faculty.

BOSE CORPORATION – Framingham, MA Fall 2007
Intern

- Created 3D models in 3ds Max and used them for a Java and OpenGL based interface.

Technical Skills

PROGRAMMING LANGUAGES: PHP, Java (inc. Android Apps), C++, Javascript (inc. jQuery), HTML5 (inc. canvas and SVG), CSS, SQL

SOFTWARE: Linux (Arch and Ubuntu), MATLAB, HFSS, Ansoft Designer, Eclipse, SVN, Atlassian Suite, Photoshop, Apache, Tomcat, MySQL, phpMyAdmin, OpenSSL, LDAP, cPanel

PLATFORMS: Wordpress, MediaWiki, CodeIgniter, SpringSource

Education

SYRACUSE UNIVERSITY – Syracuse, NY May 2012
L.C. Smith College of Engineering & Computer Science
B.S. in Electrical Engineering - Concentration in RF/Microwaves, Minor in Computer Science

- Built a robot controlled by EEG signals over WiFi (Think Tank).
- Wrote several MATLAB programs including tsunami simulations and a tool to analyze and synthesize microstrip and stripline transmission lines.
- Designed, optimized, and fabricated an edge coupled bandpass filter made from microstrip transmission lines.

Other

EXTRACURRICULAR: Member of the IEEE, Eagle Scout (Boy Scouts of America)

CITIZENSHIP: American and British

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