

JAROSLAW LUPINSKI

jarek@soniktech.com

SKILLS

- **Operating Systems and Software:** Windows, Mac OS, Linux, Microsoft Office, Visual Studio, Solidworks
- **Programming Languages:** C, C++, Javascript, HTML5, CSS, PHP, Python
- **Foreign Languages:** Polish, Japanese
- **Interests:** Embedded Electronics Design, Product Design, Firmware Programming, Electronic Instrument Design

EXPERIENCE:

Kubik Maltbie

Winter 2015 – Present

Electronic / AV Systems Integrator Mount Laurel, NJ

- Provided estimates for custom-designed interactive museum exhibit electronic and AV systems
- Engineered reliable solutions to challenging designer requirements using the latest embedded technologies
- Designed, fabricated, and assembled solutions in an electronics workshop
- Worked closely with Drafting and Interactive teams to collaborate on challenging cross-discipline projects
- Prototyping a new comprehensive toolkit for satisfying the needs of many clients using a universal device

SAP America

Summer 2011 – Winter 2015

User Experience Designer and Specialist Support Engineer Newtown Square, PA

- Provided remote and on-site support to customers experiencing issues with mobile database systems
- Developed internal apps to assist colleagues with day-to-day tasks to speed up workflow and improve efficiency
- Rapidly prototyped apps for customers to showcase product features and provide a platform for further expansion
- Conducted benchmark tests on customer systems and created reports summarizing potential for improvement
- Created iOS graphics library for displaying data from database backend in a visually pleasing manner

Stevens Institute of Technology – Burchard School of Electrical Engineering

September 2009 – January 2011

Circuits and Systems Laboratory Teaching Assistant Hoboken, NJ

- Drafted changes to update the curriculum to reflect changes in technology
- Created and presented laboratory lessons based on student's needs and professor's day-to-day lesson plan

Stevens Institute of Technology – Bioengineering Department

Summer 2010

Technogenesis Research Project Leader Hoboken, NJ

- Drafted proposal for research project involving robotic surgery which was chosen for funding
- Interviewed applicants and chose the best talent to create a team of 5 for duration of project

LEADERSHIP and ACTIVITIES

- Senior Design Project Leader, *Knee Goniometer Senior Design*, Hoboken, NJ September 2010 – Present
Led 4 student team to successfully complete project; managed meetings, advisor conference calls; won prestigious NEBEC award
- Teaching Assistant: *Circuits and Systems Laboratory*, Hoboken, NJ September 2009 – January 2011
Teach students through laboratory exercises; design curriculum around professor's lesson plan; grade homework and quizzes
- Webmaster, *SonikTech*, September 2008 – Present
Created *SonikTech.com*, an online collection of personal projects; hosting open-source circuits and code

AWARDS, PRESS and PUBLICATIONS

- Lupinski, J.; Menon, V.; Roh, P.; Yuen, S.; Valdevit, A.; Andrish, J. Measuring knee compliance to facilitate post-op ligament rehabilitation. Bioengineering Conference (NEBEC), 2011 IEEE 37th Annual Northeast, DOI:10.1109/NEBC.2011.5778529
- Northeast Bioengineering Conference Student Poster Competition 1st place, 2011
- Hackaday.com 12/18/2009, 10/3/2010, 4/6/2011; Makezine.com 12/7/2009, 4/10/2011

RELEVANT COURSE WORK:

Engineering Design	Engineering Economics	Macroeconomics
Computer Programming	Multivariate Calculus	Circuits and Systems

EDUCATION:

Stevens Institute of Technology – School of Engineering Hoboken, NJ

May 2011

Bachelor of Engineering in Biomedical Engineering

SAT: Math: 780; Verbal: 680 SATII Math: 800 SATII Physics: 800 ACT: 99th percentile

U.S. Citizen