

## EDUCATION

**Rutgers University, School Of Engineering, New Brunswick, NJ**

M.S. in Electrical & Computer Engineering, Expected May 2011  
*Concentration in solid state electronics*

B.S. in Electrical & Computer Engineering May 2009  
*Concentration in Electromagnetism and Circuits*  
GPA: 3.13/4

## EXPERIENCE

**Lab Assistant** Feb. 2008 – Present

*WINLAB, Rutgers University, North Brunswick, NJ*

- ◆ Worked with members of the Rutgers faculty and staff on wireless communications research and related topics
- ◆ Designed a number of circuits for various lab projects and needs
- ◆ Assisted in maintenance of lab network, including the main test-bed systems

**Lab Technician** Nov. 2007 – Jan. 2008

*Scopus Video Networks, Princeton, NJ*

- ◆ Built demo set-ups for product demonstrations
- ◆ Tracked orders and incoming repairs to ensure quick turnaround time
- ◆ Gained critical knowledge about signal compression and transition standards, broadcast level video and audio networking

**Engineering Intern** May 2007 – Aug. 2007

*U.S. Technologies Inc. Fair Lawn, NJ*

- ◆ Developed individual test units to simplify and streamline the repair process
- ◆ Helped in the review and revision of product specific test documentation for troubleshooting and repair
- ◆ Assisted with the design of multiple circuits and printed circuit boards including signal generators and power supplies

## TECHNICAL SKILLS

- ◆ *Programs:* Cadence Allegro Suite Including Capture, Layout, & PSpice, Microsoft Office 2003 & 2007, extensive experience with Microsoft Word and Excel Matlab, Dynamic C
- ◆ *Programming Languages:* C/C++
- ◆ *Design:* PCB Layout & Routing
- ◆ *Operating Systems:* Windows 2000 – Vista, and Mac OSX

## PAST PROJECTS

- ◆ Network controlled digital attenuator network: Rabbit microcontroller testing and characterization, Incorporation with Orbit test bed
- ◆ Current monitoring board: Integration with Rutgers underwater glider, long term deployment scheduled, collaboration with costal and marine sciences department

## LANGUAGES

English and Russian

◆ References Available Upon Request ◆