

# MICHAEL BENONIS

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## EDUCATION

**Virginia Polytechnic Institute and State University**, Blacksburg, VA

- Currently pursuing a Masters and Ph.D. in Electrical Engineering.
- Anticipated graduation: May 2014 (Doctor of Philosophy).
- Primary research interests include cognitive and software-defined radio, white space devices, and RF hardware design for modern, intelligent radio platforms.

**University of Virginia School of Engineering and Applied Science**, Charlottesville, VA

- Graduated May 2009 as a Bachelor of Science in Electrical Engineering.
- Graduating GPA: 3.38/4.00.
- Completed an undergraduate thesis as part of the requirements for BS E.E.

## WORK EXPERIENCE

**Virginia Polytechnic Institute and State University**, Blacksburg, VA      **2009 – present**

- Employed as a graduate teaching assistant for a Junior-level electronics course.
- Responsible for lecturing, evaluating, and working directly with students as the primary instructor for three sections of the course.

**Heritage Theatre Festival**, Charlottesville, VA      **Summer 2008 and 2009**

- Employed as the Festival's Sound Engineer and Head of the Sound Department.
- Responsible for overseeing sound for five theatrical productions in two theatre spaces.
- Maintained mission-critical wireless communications equipment.
- Supervised three employees in the sound department.
- Responsible for making final purchasing recommendations for equipment.

**University of Virginia Department of Drama**, Charlottesville, VA      **2005 – 2009**

- Employed as department audio engineer from fall 2006-present.
- Responsible for making purchasing recommendations for equipment.
- Responsible for operation and maintenance of all audio and communications equipment owned by the Department of Drama.

## SKILLS

- Licensed and experienced amateur radio operator (call sign KI4RIX, Amateur Extra).
- Comfortable with basic and advanced laboratory equipment, including analog and digital oscilloscopes, function generators, RF spectrum analyzers, and RF vector network analyzers.
- Skilled in the use of MATLAB, Maple, Java, C, and able to learn new languages easily.
- Familiar with the PADS 2007 suite of schematic capture and PCB layout software.
- Familiar with the Puff RF analysis tool for rapid RF circuit analysis.
- Capable of learning new computer applications quickly.
- Responsible, on-time, and job-focused.

## ACTIVITIES

- Former President and member of the Amateur Radio Club at U.Va.
- Active in the theatre and the entertainment industries.

## INTERESTS

- Radio and wireless communication, computer programming, technical writing, and political science.

**CONTACT INFORMATION AND REFERENCES AVAILABLE UPON REQUEST**