Ralph M. Alfano
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Summary of Qualifications:
Extremely motivated individual with multiple technical experiences and a strong academic record. Excellent organizational and communication skills in addition to the ability to work effectively in a team environment. Specializing in RF (Radio Frequency) and wireless communication systems.

Education:
- **Villanova University**, Villanova, PA – Master of Science in Electrical Engineering (May 2009)
- **Villanova University**, Villanova, PA – Bachelor of Science in Electrical Engineering (GPA: 3.44, May 2008)

Related Coursework:
- Signal Processing, Digital Signal Processing
- Digital Electronics (Altera FPGAs)
- Microwave Theory & Technique
- Engineering System Models and Controls
- Communication Electronics
- Introduction to Optoelectronics
- Multimedia
- Wireless Communications

Senior Design Project – Facial Recognition Door Access Security System
- Team Member, *January 2007 – Current*
  - Design a facial recognition system to control door access to a room in an academic building.
  - Responsible for maintaining progress, developing facial recognition algorithm, and assembling system.

Technical Skills:
MATLAB, Simulink, PSPICE, QuickField (Student Edition), Altera Quartus II (VHDL), Microsoft Windows (XP, Vista), Word, Excel, PowerPoint, Outlook, Visio, Visual C++

Work Experience:
Lockheed Martin Corporation, King of Prussia, PA
- College Student Tech. Specialist, *May 2007 – Current*
  - **SCI clearance investigation in progress.**
  - Team member of research project focused on the area of "serious gaming."
  - Develop skills in engineering documentation and become familiar with a corporate environment.

White Plains Hospital Center, White Plains, NY
- IT Technician, *June 2004 – Current*
  - Provide full desktop support to users throughout hospital and off-site locations.
  - Develop teamwork skills on hospital-wide IT projects and maintain relationships with employees.

Villanova University IT (TechZone), Villanova, PA
- Support Consultant, *August 2005 – Current*
  - Troubleshoot desktop and laptops to resolve hardware and software issues.
  - Form communication skills with customers and provide excellent customer service.

Other Experience / Activities:
Villanova University Residence Life, Villanova, PA
- Head Resident Assistant, *August 2007 – Current*
  - Coordinate staff meetings, review documentation, and meet with professional staff members.
  - Develop hall-wide community builders in order to foster relationships between residents.
- Resident Assistant, *August 2006 – May 2007*

IEEE (Institute of Electrical and Electronic Engineers – Villanova University Branch)
- Student Branch Chairperson, *May 2007 – May 2008*
- Technology Chairperson, *August 2006 – May 2007*
- Public Relations Chairperson, *August 2005 – May 2006*

Intramural Sports
- Football Team Member, *Fall 2004, 2005, 2006, 2007*
- Basketball Team Member, *Spring 2007*