

# Todd R. McCollough

todd@toddmccollough.com

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## EDUCATION:

### Northwestern University, Evanston, IL

*Master of Science in Biomedical Engineering*

Graduation Date: June 2010

GPA: 3.61

*Bachelor of Science in Biomedical Engineering, Major in Economics*

Graduation Date: June 2009

Cumulative GPA: 3.33

## WORK EXPERIENCE:

**Ellumen, Inc.** (formerly CPS Healthcare) (Arlington, VA) June 2009 – September 2009, December 2009 - Present  
*Research Biomedical Engineer (former Consultant)*

- Assisted with IR&D project using tools such as MATLAB, Maple, and Excel.

### Self Employed Professional

July 2007 - Present

*Internet Entrepreneur and eMarketer*

- Developed, designed, and maintained websites, blogs, and forums.
- Leveraged the use of search engine optimization, internet marketing, and Web 2.0.
- Healthcare consumer empowerment and evidence based medicine advocate.

### Northwestern University (Evanston, IL)

*Teaching Assistant (TA)*

September 2009 – December 2009

- Served as a Teaching Assistant for BME 325: Introduction to Medical Imaging taught by Alan Sahakian.

*Research Assistant, Biophotonics Laboratory*

June 2008 – December 2008, March 2009 – June 2009

- Assisted with a novel microscopic spectroscopy technique, single-cell partial-wave spectroscopy (PWS), sensitive to nano-architectural changes inside a single cell.
- Collected images of many different types of cells and analyzed using tools such as MATLAB and Excel.

*Residential Networking Consultant*

January 2006 – June 2007

- Provided support to students on the University's network living in residence halls and Greek houses.
- Troubleshoot common computer problems such as viruses, spyware, and network access.

**The Ivanhoe Club** (Ivanhoe, IL)

Summer 2004 - Summer 2007

**Biltmore Country Club** (Barrington, IL)

Summer 2001 - Summer 2004

*Golf Caddie*

- Honors Caddie.
- Awarded Chick Evans Scholarship.
- Developed strong interpersonal skills while providing exceptional service to members and guests.

**Barrington Area Soccer Association** (Barrington, IL)

Spring 1998 - Fall 2001

## ACTIVITIES:

- Northwestern University Evans Scholars Technology Chair February 2006- February 2009
- Northwestern Undergraduate Leadership Program

## COMPUTER SKILLS:

- Excellent ability to learn new software easily and quickly.
- Adobe Acrobat, Dreamweaver, Flash, Fireworks, Photoshop, Microsoft Office Suite (Excel, FrontPage, PowerPoint, Outlook, Project, Word), Maple, MATLAB, MINITAB, C++, Survey Monkey, Wordpress, HTML, PHP, JavaScript, MySQL, CSS.