

Scott R. Emmons

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Professional Profile

I have experience in business and computer science in academia and industry. I have been interning at an informatics research lab specializing in data visualization for the past two years, a capacity in which I'm conducting data analysis research. I also founded a marketing consulting firm and have been working with local businesses to grow their companies through strategic decisions such as brand definition and through technical implementation such as web design. I bring creative insight, experience, and initiative to problems in business and computer science.

Education

Bloomington High School North, 2011 – Present

- Anticipated graduation: May 2015 (Honors diploma)
- Cumulative GPA of 4.31 / 4.0
- Honors & AP Coursework
 - Physics AP
 - Calculus AP
 - English 12 AP
 - Microeconomics AP
 - Latin AP
 - US History AP
 - English 11 AP
 - Latin III Honors
 - Precalculus and Trigonometry Honors
 - Physics Honors
 - Algebra II Honors
 - Chemistry Honors
 - English 10 Honors
 - Geography and History of the World Honors
 - Geometry Honors
 - Biology Honors
 - English 9 Honors
 - Introduction to Social Sciences Honors

Online Coursework

- Introduction to Computer Science and Programming, MIT OpenCourseWare
- Structure and Interpretation of Computer Programs, MIT OpenCourseWare
- Information Visualization, Cyberinfrastructure for Network Science Center
- Game Theory, Stanford University and the University of British Columbia
- Principles of Economics, Stanford Online

Work Experience

Sparq Creative Solutions, December 2013 – Present

- Cofounder and owner of marketing consulting firm
- Created brand identity, logo, and website for Spencer Psychology
- Designed website for Fearless Performance, LLC
- Keep the internal books, file taxes, and code company website

Cyberinfrastructure for Network Science Center, Indiana University, Sept. 2013 – Present

- Learning, teaching, and researching with data visualization tools
- Collaborating on an international research project to map scientific publication
- Collaborating on research project analyzing MOOC datasets
- Leading independent research project to map consumer purchasing behavior
- Taught 2014 and 2015 Information Visualization MOOCs as Student Liaison
- Reviewed book *Visual Insights: A Practical Guide to Making Sense of Data*
- Created a geospatial map of the showings of the short film “Humanexus”

Volunteers in Medicine of Monroe County, March 2013 – July 2013

- Created and analyzed custom database searches for patient records

Oliver Winery, June – August 2012

- Created pivot-table reports in Excel for sales analysis

Extracurricular Activities

- Founder, BHSN Life Skills Academy, 2013 - Present
- Vice President, Habitat for Humanity, 2011 - Present
- Business Professionals of America, 2011 - 2014
- Cougar Leader, 2013 - 2014
- Track, 2012
- Cross Country, 2011 - 2012
- Jazz & Pep Band Drummer, 2011 - 2012
- National Honor Society
- Latin Honor Society
- WTHR Brain Game
- Academic Super Bowl

Community Activities

- Hoosier Hills Food Bank, 2006 - Present
- Interfaith Winter Shelter, 2010 - Present
- Volunteers in Medicine, 2013 - 2014
- Milwaukee Mission Trip, 2014
- Detroit Mission Trip, 2013
- New Orleans Mission Trip, 2012
- Nashville Mission Trip, 2011
- Childcare Worker, First United Methodist Church 2012 - 2014

Conferences & Talks

- CNS Open House Speaker, November 2013, November 2014
- Web Science Conference Participant, June 2014
- Lugar Symposium Representative, December 2013
- Plug-and-Play Microscopes Workshop Participant, November 2013

Press Coverage

- "Bloomington North team enjoys challenge of 'Brain Game'", [Herald Times](#).
- "Interactive open house shows SOIC tools", [Indiana Daily Student](#).

Honors & Awards

Academic

- National Merit Scholarship Finalist
- Eight-time Student of the Year at Bloomington High School North
 - AP US History
 - Honors Physics
 - Honors Algebra II
 - Honors Chemistry
 - Honors English 10
 - Honors Geography and History of the World
 - Honors Geometry
 - Honors Biology
- M³ Math Modelling Challenge Honorable Mention Paper, 2015
- Honor Roll

Athletic

- Varsity Letter, Cross Country, 2011, 2012
- Varsity Letter, Track, 2012
- Most Improved Athlete, Track, 2012

Music

- Outstanding Drums, Sursa Hall, Ball State Jazz Festival, 2012

Business Professionals of America

- 4th place, National Competition, Small Business Management, 2013
- 10th place, National Competition, Computer Programming Concepts, 2013
- 1st place, State Competition, Financial Math and Analysis, 2014
- 1st place, State Competition, Small Business Management, 2014
- 1st place, State Competition, Financial Math and Analysis, 2013
- 1st place, State Competition, Small Business Management, 2013
- 6th place, State Competition, Advanced Interview Skills, 2014
- 6th place, State Competition, Computer Programming Concepts, 2013
- 8th place, State Competition, Computer Programming Concepts, 2014
- 6th place, State Competition, Interview Skills, 2013
- 1st place, District Competition, Fundamental Spreadsheet Applications, 2012