

Rachel Kornak

Innovate • Educate • Connect • Inspire

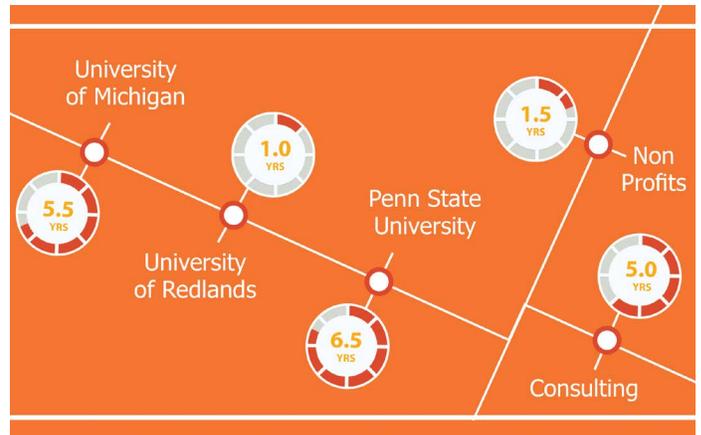
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WELCOME

I'm a tech-savvy, creative catalyst. I work at the intersection of outreach, education, science, technology, analysis, research, and design.

I'm a Certified GIS Professional. My GIS career map spans three universities, two technical consulting companies, and multiple non-profits.

I specialize in GIS, online education, and environmental science. [learn more](#)



ASSETS

I consistently receive high student ratings as an online instructor in Penn State's Master of GIS & GeoDesign Programs. [learn more](#)

I've developed and led GIS and database workshops in India, Thailand, England, and the United States. [learn more](#)

I've collaborated with renowned scientists (including Nobel Prize recipients) on a variety of geospatial research projects. [learn more](#)

I hold leadership positions with multiple GIS professional organizations and am launching a mentoring program for new professionals.

I have direct experience with many of the country's top-rated online programs like Harvard, Cornell, Stanford, Penn State, and the University of California L.A. [learn more](#)

I have a diverse perspective from partnering with educational institutions around the world and visiting over 40 countries.

I've presented at over 50 scientific conferences and geospatial meetings and have written several GIS articles. [learn more](#)

I've built partnerships within the geospatial field to promote collaboration and resource sharing.

EXPLORE

[RachelKornak.com](#) - Web-portfolio with buzz, publications, presentations, and work samples.

[Adventures in Adult Education](#) - My blog comparing the student experience between Ivy League Online Programs, Open Educational Resources, and Massive Open Online Courses.

[e-education.psu.edu/geog487](#) - My online class at Penn State - Environmental Applications of GIS.

[Emerging GIS Leaders.org](#) - A volunteer, grassroots organization I founded to empower recent graduates and help them map a successful career path.

[Prezi.com/user/rkornak/prezis](#) - A gallery of interactive, zoom-able GIS presentations.

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VISION

Prepare students to solve the world's greatest challenges using Geographic Information Science and Technology.

SAVVY

Online Education • GeoSpatial Technology
Environmental Science • Teaching • Collaboration • Innovation • Project Management

CREDENTIALS

Degrees & Certifications

SEP 1999 MAY 2011

University of Michigan - M.S. Environmental Science, B.S. Spanish, B.S. Environmental Geology • **Penn State University** - Online Post-Baccalaureate Certificate in Geographic Information Systems (GIS) • **GIS Certification Institute** - Certified Geographic Information Systems Professional

GROWTH

Continuing Education

JAN 2013 MAY 2013

Institutions - Coursera • Harvard • Cornell Stanford • Massachusetts Institute of Technology • University of California - Los Angeles • University of Massachusetts • University of Florida • **Topics** - Distance Education • Creativity • Communication • Change Leadership • Team Facilitation

CAREER SNAPSHOT

Penn State University

JAN 2006 NOW

Faculty Member & Online GIS Instructor
Dutton e-Education Institute

Design Open Educational Resources • Mentor Students • Integrate Innovative Technology • Write and Refresh Curriculum • Manage Remote Instructional Team

University of Michigan

JUL 2007 NOW

GIS/Database Manager & Instructor
School of Natural Resources & Environment

Lead Multi-Year GeoSpatial Projects • Collaborate with Interdisciplinary Faculty • Teach International Workshops • Oversee \$250,000 Budget & 50 Research Assistants

Emerging GIS Leaders

OCT 2010 NOW

Founder & Director

Launch Virtual Mentoring Organization • Empower Emerging GeoSpatial Professionals • Recruit New Partners and Volunteers

University of Redlands

JAN 2012 DEC 2012

Program Development Manager
The Redlands Institute

Promote Geographic Information Science Solutions • Pursue Academic Partnerships • Develop and Execute Outreach Strategies • Interface with Senior Leadership & Faculty

Consulting Firms

SEP 2003 JAN 2006

GIS & Project Manager, McKenna Associates
Database & GIS Lead, Haley & Aldrich

Initiate New Line of GIS Services • Design an Award-Winning GIS Mapping Application • Collect, Analyze and Visualize Spatial Data • Conduct Environmental Site Assessments

The Sierra Club

OCT 1999 FEB 2001

Outreach & Fundraising Field Manager

Lead Conservation Outreach Initiatives • Train and Mentor Environmental Activists • Energize Teams • Exceed Fundraising Goals