MATT ZIEGLER

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EDUCATION

University of Washington (Fall 2018 –) PhD Student in Computer Science and Engineering
Advised by Richard Anderson and Kurtis Heimerl

University of Wisconsin – Madison GPA: 3.785 (Fall 2009 – Spring 2013)
BS with double major in Computer Science and Biological Aspects of Conservation

Summer Institute for Training in Biostatistics (Summer 2011)
Department of Biostatistics and Medical Informatics, University of Wisconsin

Høgskolen I Telemark – Bø, Norway (Fall 2011)
Alpine Ecology and Environmental Management program

PUBLICATIONS

Matt Ziegler, Lokesh Garg, Shailesh Tiwari, Aditya Vaishistha, Kurtis Heimerl (2019). **Fresh Insights: User Research Towards a Market Information Service for Bihari Vegetable Farmers**
10th ACM Information and Communication Technology for Development Conference
https://doi.org/10.1145/3287098.3287115

Matt Ziegler, Mark Craven, Sid Kiblawi. (2018). **GADGET: A tool for identifying associations between biomedical concepts, genes, and metabolites.** [In submission]

Julia Janicki, Nitish Narula, Matt Ziegler, Benoit Guénard, Evan P. Economo. (2016). **Visualizing and interacting with large-volume biodiversity data using client–server web-mapping applications: The design and implementation of antmaps.org.** Ecological Informatics. 32, 185-193   http://dx.doi.org/10.1016/j.ecoinf.2016.02.006

Matt Ziegler. (2015). **A Day in the Life of Winslow Homer: An Interactive Tour of Primate Behavioral Ecology.** Games + Learning + Society Conference. Poster presentation.

FELLOWSHIPS

National Science Foundation – Graduate Student Research Fellowship 2018: $138,000
Hilldale Fellowship for Undergraduate Research 2013: $3,500

Digital Green – Loop   Research Intern (January – May 2018)

Menstrupedia Volunteer Design, Product Research, and Software Development Contributor (May – June 2016, April – July 2017)

Center for Predictive Computational Phenotyping – University of Wisconsin
Associated Information Processing Consultant (November 2015 – January 2016),
                (September – November 2016), (August – November 2017)

Okinawa Institute of Science and Technology – Biodiversity & Biocomplexity Unit
Visiting Researcher (March-April 2015), Consultant (December 2016 – February 2017)

Education Analytics Inc. Programmer – Limited Term (August 2014-December 2014)

Lomas Barbudal Capuchin Monkey Project Field Assistant (November 2013 – January 2014)

UW Department of Biostatistics and Medical Informatics Computer Programmer (May 2011 – May 2013), Associate Systems Programmer (May – August 2013)

Survey of Primitive Weevils in Wisconsin Volunteer Field Assistant (Summer 2013)

UW Center for Limnology – Paul Hanson Lab Software Developer (October 2010 – May 2011)

Wisconsin Center for Educational Research Student Hourly Research Assistant (July 2009 – October 2010)

PROJECTS

How To Be a Monkey (2014 – 2017) Educational primate behavior website presenting data from the Lomas Barbudal Monkey Project, with classroom exercises. Lead designer + developer. http://howtobeamonkey.org

Hill Hacks, Himachal Pradesh (2015 – 2018) – Served as conference emcee and in group of organizers, facilitated workshops at local elementary schools and presented talks.

Undergraduate Research (2011 – 2013) Supervised learning to infer cis-regulatory modules in gene regulation, and clustering algorithms for pattern identification in gene-expression time series data.