

ERIK VONKAENEL

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(814)-528-4367 ♦ vonkaenelerik@gmail.com

EDUCATION

University of Rochester SMD, Rochester, NY Ph.D. Student of Statistics Department of Biostatistics and Computational Biology	August 2018 - Present
University of Rochester SMD, Rochester, NY M.A. in Statistics Department of Biostatistics and Computational Biology	August 2018 - August 2019
Slippery Rock University, Slippery Rock, PA B.S. in Mathematics Department of Mathematics	August 2013 - May 2017

HONORS AND AWARDS

UP-STAT 2019 Data Competition - 1 st Place	April 2019
Kappa Mu Epsilon, Slippery Rock University	April 2017
Interdisciplinary Contest in Modeling - Meritorious Winner	January 2017
Eagle Scout	September 2011

RESEARCH

Parametric Modeling of Sholl Curves	January 2020 - Present
Automatic Segmentation of Microglia Imaging Data	May 2019 - Present

SEMINARS AND PRESENTATIONS

A Methodological Overhaul for Quantifying and Analyzing Microglial Morphology <i>BoiC2020 Poster Session, Rochester, NY</i>	July 2020
Bioacoustic Analysis of a Madagascar Rainforest <i>UP-STAT 2019, Rochester, NY</i>	April 2019
The Existence of Efficient Evacuation Networks <i>SAS Users Group Conference, Slippery Rock, PA</i>	May 2017

POSTER SESSIONS

A Methodological Overhaul for Quantifying and Analyzing Microglial Morphology <i>BoiC2020, Rochester, NY</i>	July 2020
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EXPERIENCE

University of Rochester SMD, Rochester, NY TA for BST467 - Applied Statistics in the Biomedical Sciences	January 2020 - Present
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TA for BST467 - Applied Statistics in the Biomedical Sciences

January 2019 - May 2019

Slippery Rock University, Slippery Rock, PA

Research Assistant

January 2016 - May 2016

Peer Tutor for Economics

September 2015 - May 2016

CERTIFICATIONS

Actuarial Exams

MFE/3F - 7

November 2016

FM/2 - 9

June 2016

P/1 - 10

March 2016

EXTRA-CURRICULAR

Actuarial Science Club, Slippery Rock University

September 2015 - May 2017

President

May 2016 - May 2017