

# Paul-Hieu V. Nguyen

March 2023

|  |   |  |                                      |  |                          |  |          |   |                            |
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| <b>CONTACT</b>   | 1300 University Ave., 1250 Medical Sciences Center, Madison, WI 53706<br>Phone: 408-802-1105<br>Primary Email: pvnguyen5@wisc.edu<br>Website: <a href="https://paulhnguyen.github.io">https://paulhnguyen.github.io</a>   |  |                                      |  |                          |  |          |   |                            |
| <b>RESEARCH INTERESTS</b>  | Tree Ensemble Methods. Bayesian tree regression. Model selection. High Dimensional Data. Statistical Learning.  |  |                                      |  |                          |  |          |   |                            |
| <b>EDUCATION</b>   | <table><tr><td><b>University of Wisconsin–Madison</b><br/>Ph.D., Statistics</td><td>Madison, WI<br/>August 2022 - Present</td></tr><tr><td><b>Reed College</b><br/>B.A., Mathematics<br/>Thesis Title: “Inference for Random Forests”<br/>Thesis Supervisor: Jonathan Wells, Ph.D.</td><td>Portland, OR<br/>May 2022</td></tr></table>  | <b>University of Wisconsin–Madison</b><br>Ph.D., Statistics      | Madison, WI<br>August 2022 - Present | <b>Reed College</b><br>B.A., Mathematics<br>Thesis Title: “Inference for Random Forests”<br>Thesis Supervisor: Jonathan Wells, Ph.D. | Portland, OR<br>May 2022 |  |          |   |                            |
| <b>University of Wisconsin–Madison</b><br>Ph.D., Statistics  | Madison, WI<br>August 2022 - Present  |  |                                      |  |                          |  |          |   |                            |
| <b>Reed College</b><br>B.A., Mathematics<br>Thesis Title: “Inference for Random Forests”<br>Thesis Supervisor: Jonathan Wells, Ph.D. | Portland, OR<br>May 2022  |  |                                      |  |                          |  |          |   |                            |
| <b>PUBLICATIONS</b>  | Wojcik O.C., Olson S.D., <b>Nguyen, P-H.V.</b> , McConville K.S., Moisen G.G. and Frescino T.S. (2022). “GREGORY: A Modified Generalized Regression Estimator Approach to Estimating Forest Attributes in the Interior Western US.” <i>Frontiers in Forests and Global Change</i> .<br>DOI: 10.3389/ffgc.2021.763414  |  |                                      |  |                          |  |          |   |                            |
| <b>TALKS</b>   | 2021 Presentation. <b>Nguyen, P-H.V.</b> “Anonymity in the Ubuntu Dialogue Corpus.” Electronic Undergraduate Statistics Research Conference.<br><br>2021 Presentation. <b>Nguyen, P-H.V.</b> “Anonymity in the Ubuntu Dialogue Corpus.” Reed College Summer Research Poster Session.<br><br>2020 Presentation. Wojcik O.C., Olson S.D. and <b>Nguyen, P-H.V.</b> “Improving Precision of Forestry Estimation.” Electronic Undergraduate Statistics Research Conference.<br><br>2019 Presentation. Harris L., Richter M. and <b>Nguyen, P-H.V.</b> “Modeling Lyme Disease in Iowa.” 10th Annual Iowa Summer Research Symposium . |  |                                      |  |                          |  |          |   |                            |
| <b>HONORS &amp; AWARDS</b>   | <table><tr><td>Advanced Opportunity Fellowship, University of Wisconsin–Madison</td><td>Aug 2022</td></tr><tr><td>2nd, June 2020 Undergraduate Research Project Competition</td><td>Sep 2020</td></tr><tr><td>2020 Economics Summer Research Mintz Award, Reed College</td><td>Aug 2020</td></tr><tr><td>Commendation for Excellence, Reed College</td><td>Aug 2019, 2020, 2021, 2022</td></tr></table>   | Advanced Opportunity Fellowship, University of Wisconsin–Madison | Aug 2022                             | 2nd, June 2020 Undergraduate Research Project Competition  | Sep 2020                 | 2020 Economics Summer Research Mintz Award, Reed College       | Aug 2020 | Commendation for Excellence, Reed College | Aug 2019, 2020, 2021, 2022 |
| Advanced Opportunity Fellowship, University of Wisconsin–Madison   | Aug 2022  |  |                                      |  |                          |  |          |   |                            |
| 2nd, June 2020 Undergraduate Research Project Competition  | Sep 2020  |  |                                      |  |                          |  |          |   |                            |
| 2020 Economics Summer Research Mintz Award, Reed College   | Aug 2020  |  |                                      |  |                          |  |          |   |                            |
| Commendation for Excellence, Reed College  | Aug 2019, 2020, 2021, 2022  |  |                                      |  |                          |  |          |   |                            |
| <b>TEACHING</b>  | <table><tr><td><b>University of Wisconsin–Madison;</b> Teaching Assistant</td><td></td></tr><tr><td>Stat 240: <i>Data Science Modeling I</i></td><td>Fall 2023, Spring 2024</td></tr><tr><td><b>Reed College;</b> Teaching Assistant, Lab Assistant, Grader</td><td></td></tr></table>  | <b>University of Wisconsin–Madison;</b> Teaching Assistant       |                                      | Stat 240: <i>Data Science Modeling I</i>   | Fall 2023, Spring 2024   | <b>Reed College;</b> Teaching Assistant, Lab Assistant, Grader |          |   |                            |
| <b>University of Wisconsin–Madison;</b> Teaching Assistant   |   |  |                                      |  |                          |  |          |   |                            |
| Stat 240: <i>Data Science Modeling I</i>   | Fall 2023, Spring 2024  |  |                                      |  |                          |  |          |   |                            |
| <b>Reed College;</b> Teaching Assistant, Lab Assistant, Grader   |   |  |                                      |  |                          |  |          |   |                            |

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|---|-------------------------------------|
| Math 392: <i>Mathematical Statistics</i>                    | Spring 2022                         |
| Math 391: <i>Probability</i>                                | Fall 2021                           |
| Math 243: <i>Statistical Learning</i>                       | Fall 2020                           |
| Math 141: <i>Introduction to Probability and Statistics</i> | Fall 2019, Spring 2020, Spring 2021 |

## EXPERIENCE

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|---|-------------|
| <i>NSF REU Fellow</i> , Pennsylvania State University<br>Supervisor: Ting-Hao 'Kenneth' Huang, Ph.D.        | Summer 2021 |
| <i>Economics Summer Fellow</i> , Reed College<br>Supervisor: Nicholas Wilson, Ph.D.                         | Summer 2020 |
| <i>Research Assistant</i> , Reed College<br>Supervisor: Kelly McConville, Ph.D.                             | Spring 2020 |
| <i>Iowa Summer Institute in Biostatistics Fellow</i> , University of Iowa<br>Supervisor: Grant Brown, Ph.D. | Summer 2019 |