

# ANTHONY PILEGGI

## EDUCATION

2016   2008	● <b>M.S., Biostatistics</b> Emory University	📍 Atlanta, GA
2008   2004	● <b>B.S., Statistics</b> Carnegie Mellon University	📍 Pittsburgh, PA



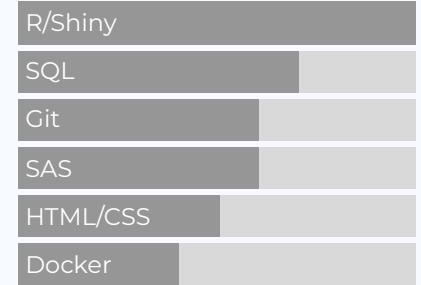
## INDUSTRY EXPERIENCE

Current   2022	● <b>R/Shiny Developer (Contract)</b> Myovant Sciences	📍 Brisbane, CA (remote)
Current   2022	● <b>Owner</b> Stochastic Squirrel LLC	📍 Doylestown, PA
2022   2018	● <b>CTO / Data Scientist</b> Paul B. Moyer & Sons Inc.  • <i>Develop R packages</i> to facilitate API interactions, data warehousing, and reporting • Design, build, and maintain internal <i>R/Shiny Dashboards &amp; Apps</i> for product warehouse optimization • Devise business strategy to <i>grow online revenue over 125%</i> within 3 years • <i>Direct e-commerce business</i> , including: purchase orders, pricing, product images, advertising, marketplace listings, and financial forecasts	📍 Doylestown, PA
2019   2019	● <b>R/Shiny Developer (Contract)</b> Adelphi Research  • Design and build an R/Shiny application to replace an existing Excel tool	📍 Doylestown, PA
2018   2015	● <b>Data Scientist</b> iFixit  • <i>A/B testing</i> : design, monitoring, stopping rules, and analysis • <i>Web traffic reporting</i> : synthesize data, identify trends, and project traffic data • <i>e-Commerce</i> : forecast sell rates, recommend prices for profit optimization, improve metrics utilized for operational decisions • <i>Dashboards</i> : maintain and improve Chartio/Shiny dashboards, create customized dashboards to address recurring needs • <i>Data procurement</i> : identify and obtain data via APIs or webscraping to inform operational decisions • <i>General consultant</i> : identify and compile data, analyze data, present results for various company units	📍 San Luis Obispo, CA

## CONTACT

✉ [apileggi20@gmail.com](mailto:apileggi20@gmail.com)  
/github.com/anthonypileggi  
🌐 [stochastic-squirrel.com](http://stochastic-squirrel.com)

## LANGUAGE SKILLS



Made with the R package  
[pagedown](#).

The source code is available on  
[github.com/anthonypileggi/cv](https://github.com/anthonypileggi/cv).

Last updated on 2022-10-26.



## ACADEMIC EXPERIENCE

2015  
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2008

- **Statistical Consultant**  
Biostatistics Consulting Center, Emory University  Atlanta, GA
  - Collaborate with various investigators regarding statistical design and analysis.

2015  
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2008

- **Tutor**  
Rollins School of Public Health, Emory University  Atlanta, GA
  - Provide instruction, motivation, and clarification for students struggling with math, statistics, or programming concepts.

2014  
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2013

- **Dean's Teaching Fellow**  
Laney Graduate School, Emory University  Atlanta, GA
  - Design and teach Statistical Methods II to 77 graduate students.
  - Supervise four teaching assistants in the organization and instruction of a lab component.

2012  
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2010

- **Instructor**  
Department of Biostatistics and Bioinformatics, Emory University  Atlanta, GA
  - Statistics Methods I/II Lab

2012  
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2009

- **Teaching Assistant**  
Department of Biostatistics and Bioinformatics, Emory University  Atlanta, GA
  - Statistical Methods I/II, Probability Theory I, Statistical Inference I, Fundamentals of Bioinformatics

2012  
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2009

- **Collaborator**  
Center for Biomedical Imaging Statistics (CBIS), Emory University  Atlanta, GA
  - Provide assistance and feedback for group projects, papers, and grant proposals.
  - Preprocess and analyze neuroimaging data acquired from human subjects.

2008  
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2007

- **Research Assistant**  
Department of Statistics, Carnegie Mellon University  Pittsburgh, PA
  - Mentored by Dr. Rob Kass in the analysis of extracellular neuronal recordings derived from implanted microelectrode arrays in living macaque monkeys.

2007  
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2006

- **Teaching Assistant**  
Department of Statistics, Carnegie Mellon University  Pittsburgh, PA

## PUBLICATIONS

- 2016
  - **What Will Months Of Catching Pokémon Do To Your Battery?**  
iFixit Blog  <https://www.ifixit.com/News/8256/pokemon-battery-lifespan>
- 2015
  - **A multimodal approach for determining brain networks by jointly modeling functional and structural connectivity**  
 Frontiers in Computational Neuroscience 9:22.  
[[doi:10.3389/fncom.2015.0002](https://doi.org/10.3389/fncom.2015.0002)]
    - Xue, W., Bowman, F.D., Pileggi, A.V. and Mayer, A.R.
- 2012
  - **Silent Corticotroph Adenomas: Emory University Cohort and Comparison With ACTH-Negative Nonfunctioning Pituitary Adenomas**  
 Neurosurgery, 71(2): 296-304. [[doi:10.1227/NEU.0b013e318257c1f0](https://doi.org/10.1227/NEU.0b013e318257c1f0)]
    - Ioachimescu, A. G., Eiland, L., Chhabra, V. S., Mastrogianakis, G. M., Schniederjan, M. J., Brat, D., Pileggi, A. V., Oyesiku, N. M.
- 2010
  - **Receptor for advanced glycation end products in donor lungs is associated with primary graft dysfunction after lung transplantation.**  
 American Journal of Transplantation : Official Journal of the American Society of Transplantation and the American Society of Transplant Surgeons, 10(4), 900–907. [[doi:10.1111/j.1600-6143.2009.02995.x](https://doi.org/10.1111/j.1600-6143.2009.02995.x)]
    - Pelaez, A., Force, S. D., Gal, A. A., Neujahr, D. C., Ramirez, A. M., Naik, P. M., Quintero, D., Pileggi, A. V., Easley, K. A., Echeverry, R., Lawrence, E. C., Guidot, D. M. and Mitchell, P. O.

## PRESENTATIONS

- 2012
  - Pileggi, A. Imposing Structured Sparsity via Generalized Lasso Penalties in Neuroimaging Applications. *Southern Regional Council on Statistics (SRCOS)*, June 3–6, 2012. Jekyll Island, GA.
- 2010
  - Mir, O., Qureshi, S., Pileggi, A., Easley, K., Ayala, L. and Nahab, F. (2010) Frequency of Abnormal Glucose Metabolism Among Ischemic Stroke and TIA Patients in the South Based on Oral Glucose Tolerance Testing. *International Stroke Conference*, Feb. 24–26, 2010. San Antonio, TX.