

ANTHONY PILEGGI

EDUCATION

2016
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2008

- **M.S., Biostatistics**

Emory University

 Atlanta, GA

2008
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2004

- **B.S., Statistics**

Carnegie Mellon University

 Pittsburgh, PA

INDUSTRY EXPERIENCE

Present
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2018

- **CTO / Data Scientist**

Paul B. Moyer & Sons Inc.

 Doylestown, PA

- *Develop R packages* to facilitate API interactions, data warehousing, and reporting
- Design, build, and maintain internal *R/Shiny Dashboards & Apps* for product warehouse optimization
- Devise business strategy to *grow online revenue over 125%* within 3 years
- *Direct e-commerce business*, including: purchase orders, pricing, product images, advertising, marketplace listings, and financial forecasts

2019
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2019

- **R/Shiny Developer (Contract)**

Adelphi Research

 Doylestown, PA

- Design and build an R/Shiny application to replace an existing Excel tool

2018
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2015

- **Data Scientist**

iFixit

 San Luis Obispo, CA

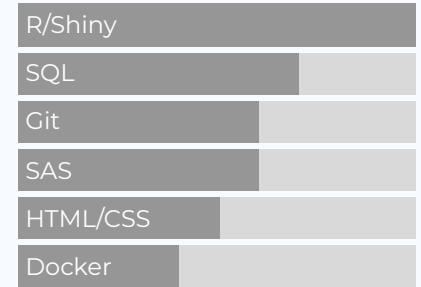
- **A/B testing:** design, monitoring, stopping rules, and analysis
- **Web traffic reporting:** synthesize data, identify trends, and project traffic data
- **e-Commerce:** forecast sell rates, recommend prices for profit optimization, improve metrics utilized for operational decisions
- **Dashboards:** maintain and improve Chartio/Shiny dashboards, create customized dashboards to address recurring needs
- **Data procurement:** identify and obtain data via APIs or webscraping to inform operational decisions
- **General consultant:** identify and compile data, analyze data, present results for various company units



CONTACT

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 github.com/anthonypileggi
 stochastic-squirrel.com

LANGUAGE SKILLS



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

The source code is available on
github.com/anthonypileggi/cv.

Last updated on 2022-09-16.



ACADEMIC EXPERIENCE

- 2015 | 2008
- **Statistical Consultant**
Biostatistics Consulting Center, Emory University  Atlanta, GA
 - Collaborate with various investigators regarding statistical design and analysis.

2015 | 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 | 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 | 2010

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

2012 | 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 | 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 | 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 | 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.