

ANTHONY PILEGGI



EDUCATION

2016
|
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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2022

- R/Shiny Developer (Contract)

Myvant Sciences (acquired by SMPA in 2023) 📍 Brisbane, CA (remote)

- Develop a suite of interactive R/Shiny applications for exploring, visualizing, and analyzing data
- Collaborate with stakeholders (e.g., clinical, quality) to design and implement custom R/Shiny applications to help achieve business goals
- Teach co-workers about R/Shiny, Posit Connect, and DevOps; write technical documentation and tutorials to guide application use and future development

Current
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2022

- Owner

Stochastic Squirrel LLC

📍 Doylestown, PA

2022
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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

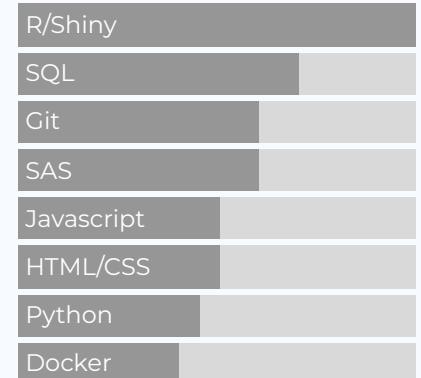
- Design and build an R/Shiny application to replace an existing Excel tool



CONTACT

- ✉️ apileggi20@gmail.com
/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 2023-11-02.

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



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 Pokémons 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]

- 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]

- 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]

- 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.