ANDREW GILLOCK

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EDUCATION

The University of Texas at Austin

Master of Science, Business Analytics — May 2023

Coursework Includes: Data Science Programming, Advanced Machine Learning, Analytics for Unstructured Data, Optimization, Unsupervised Learning, Capstone Project

Bachelor of Science and Arts, Biology — May 2022

Minors and Certificates: Business, Applied Statistical Modeling, Pre-Health Professions

EXPERIENCE

Dataconomy – *Marketing & Business Development Intern,* Berlin, Germany — May 2021 - August 2021

- Organized weekly meetings with domestic and international team members to discuss growth planning for the technology news and media start-up
- Mentored 2 new interns regarding report preparation to develop communication and presentation skills
- Responded to daily inquiries regarding potential product/service advertisements on the Dataconomy website
- Promoted Data Natives, Europe's largest Data Science and AI conference, by reaching out to 250+ marketing directors to encourage attendance and participation
- Tracked the responses of 150+ directors using pivot tables to ensure structured progress updates

ACADEMIC PROJECTS

Netlify Personal Website – *andrewgillock.netlify.app* — April 2022 - Present

- Manage weekly maintenance on static website built using blogdown R package and Hugo, resulting in working knowledge of the website platform and its associated features
- Design new website features by utilizing Hugo templates and customizable options, providing an introduction to simple HTML, CSS, and JavaScript
- Showcase detailed academic projects and a more in depth look at 5 programming experiences focused on exploratory analysis, feature association, and predictive model development

Identification of Breast Tumor Samples using Classification Models — January 2022 - May 2022

- Devised models in R to classify 500+ breast tumor samples as malignant or benign using 32 explanatory variables
- Generated and communicated 2 strong project proposals by leveraging partner collaboration
- Investigated 5+ statistical analysis methods such as simple logistic regressions, tree-based methods, generalized additive models, and support vector machines
- Demonstrated organization and competency in 200+ lines of R code, with a focus on the applications of machine learning and AI in medical research and development
- Classified 98.6% of samples within the dataset correctly upon completion of analysis

TECHNICAL SKILLS

- Computer Software: MS Word, Excel, PowerPoint, Airtable, Gephi, XLSTAT
- Computer Languages: R, Python, SQL

AWARDS AND RECOGNITIONS

- Texas McCombs MSBA Scholarship Recipient — Summer 2022 - Spring 2023
- University Honors — Spring - Fall 2020, Spring 2022

ADDITIONAL INFORMATION

Interests: Evolutionary Biology, Spurs, Tennis, Data Visualization

Work Eligibility: Eligible to work in the United States with no restrictions