David Bolin

1710 Delaware St., Berkeley, CA (612) 212-8027 david@bolin.at

Work Experience

Monastero di San Benedetto, Norcia, Italy, 2004 – 2015

Subprior, 2009 – 2011.

- "Second-in-command" position in the monastery
- Organized and coordinated work assignments and other activities for ~15 monks

Accountant and Business Manager, 2006 – 2015

- Managed the monastery's annual budget, approximately 1M per year
- Kept the books up to date and composed regular financial reports
- Managed banking and paying bills; when I took over this responsibility the monastery was over a year behind on some payments, I was able to bring things fully up to date within six months.

Tutor, 2006 – 2012

- Taught Latin, philosophy, and theology to the monks
- Included both classes and one-on-one tutorials

Sacristan, 2004 – 2007

- Organized and prepared for monastery liturgical activities

Education

Signal Data Science, Berkeley, CA, Feb – Mar 2016

- Intensive training in data science. Supplements and completes training for technically skilled individuals.

International Theological Institute, Trumau, Austria

- Doctorate in theology, all but dissertation, 2012 – 2015
- STL (licentiate in theology), 2000
- STM (master's in theology), 1998

Thomas Aquinas College, 1992 – 1996

- BA, 1996. Single degree track, strong in mathematics.

Skills

- R programming, SQL, Python (learning)
- A/B testing, predictive modeling, natural language processing, data visualization

Projects

- Yelp Review Recommender System: https://github.com/davidbolin1016/Yelp-Reviews
  -Ranks Yelp reviews for a business by expected usefulness.
  -Uses regularized linear regression with NLP derived features
  -Performance beats baseline model that uses word count alone by 20%.
- Predicting healthy or unhealthy BMI from responses to health related questions taken from an extensive survey of teenagers. Required a substantial amount of data cleaning, as the responses were frequently incomplete. I consider a number of models, including regularized and unregularized linear regression, factor analysis, and a trained neural net, and attempt to determine which model is most accurate.