

Resume for Joseph Angus Corneli holtzermann17@gmail.com

Seeking employment in a field that requires systems thinking and holistic approaches to challenging problems that involve mathematics, communication, and the socially-responsible use of technology.

Related Experience

PlanetMath.org, Ltd.

Contact: Aaron Krowne, akrowne@gmail.com, (404) 405-5766

Member of the Board of Directors of the nonprofit PlanetMath, which runs a popular community-produced mathematics website serving learners at all levels. Key accomplishments include strategic planning for the organization, negotiating partnerships, prototyping new features for the website, and collaboration in technical editing work that resulted in a printable version of PlanetMath's encyclopedia. (2002-ongoing)

American Institute of Mathematics

Contact: Prof. Jim Pitman, pitman@stat.berkeley.edu, (510) 642-9970

Cleaning and curating bibliographic references in the PlanetMath.org encyclopedia as part of a project to develop a new distributed bibliographic knowledge base for the mathematical sciences. (4/2009-ongoing)

Novel Research Institute

Contact: Dr. Raymond Puzio, rpuzio@novelresearchinstitute.org

Helped incorporate a virtual research institute to support the development of free software and other tools for scientific communication. (2/2009-ongoing)

Arxana

Lead developer of an open source semantic hypertext platform written in Lisp. Arxana may be part of a new backend for PlanetMath and the online library being developed at Novel Research Institute. (2006-ongoing)

Williams College

Contact: Prof. Frank Morgan, Frank.Morgan@williams.edu, (413) 597-2438

Studied constrained optimization problems in nonstandard geometries, using a combination of pure and computational techniques, and co-authored several published peer reviewed papers. (2001-2002)

Education

New College of Florida

Bachelor of Arts (Mathematics), 2002

Completed additional advanced course work at the Massachusetts Institute of Technology, the University of Minnesota, and the University of Texas. Thesis: *Double bubbles in spaces of constant curvature.*

Other Experience

Academic Testing and Tutoring

Contact: Elaine Engler, (952) 591-9437

Prepped a "home-schooled" student for the AP Calculus exam; miscellaneous other tutoring assignments with younger kids. (2/2005-4/2005)

Bristol Place Corporation

Contact: Jay Zweiffle, (612) 871-0805

Supervised residents of a group home for high functioning adults with developmental disabilities. (4/2005-11/2008)