

Steven Craig Clontz, Jr.

University of South Alabama — Department of Mathematics and Statistics
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<https://github.com/stevenclontz/cv>

Education

Doctor of Philosophy, Mathematics, Auburn University *May 2015*
Dissertation: *Limited information strategies for topological games*, under Gary Gruenhage

Master of Science, Mathematics, Auburn University *December 2010*
Thesis: *Applications of stationary sets in set theoretic topology*, under Gary Gruenhage

Bachelor of Science, Mathematics, Auburn University *May 2008*
Honors Thesis: *The edge unfolding of generalized pyramids*, under Andras Bezdek

Professional Appointments

- **Assistant Professor of Mathematics**, The University of South Alabama (August 2016 - present)
- **Visiting Assistant Professor of Mathematics**, The University of North Carolina at Charlotte (August 2015 - May 2016)
- **Founder and Software Engineer**, Teloga LLC (August 2011 - July 2015)
- **GTA and Instructor of Mathematics**, Auburn University (August 2008 - May 2015)
- **Mathematics Instructor**, Southern Union State Community College (August 2013 - May 2014)

Papers

- *Proximal compact spaces are Corson compact*. Topology Appl. 173 (2014), 1-8. (with G. Gruenhage)
- *Zero-Markov information in topological games*. Ala. J. Math. 39 (2015).
- *Destruction of metrizability in generalized inverse limits*. Top. Proc. 48 (2016), 289-297. (with S. Varagona)
- *Tactic-proximal compact spaces are strong Eberlein compact*. Topology Appl. 204 (2016), 306-317.
- *On k -tactics for Gruenhage's compact-point game*. Q&A in Gen. Topology 34 (2016), 1-10.
- *Game-theoretic strengthenings of Menger's property*. (submitted)
- *Almost compatible functions and topological games*. (submitted, with A. Dow)
- *Nonmetrizability of inverse limits indexed by uncountable total orders*. (in preparation)
- *On strategic versions of selective separability, countable fan tightness, and the Menger property*. (in preparation)

Research Cyberinfrastructure and Software Development

- **Online Seminars in Mathematics (OSM)**

Initiative to bring online streaming of mathematical content using free and open-source software and minimal hardware. Project hosted at osm.clontz.org.

- **π -Base Encyclopedia of Topological Spaces**

Contributor and consultant. Developing undergraduate research experience to populate database with modern topological results. Project hosted at topology.jdabbs.com.

- **Teloga.com**

Developed the customer relationship management (CRM) web application Teloga.com for collegiate music organizations.

- **Open Source Software**

Contributor to several OSS repositories in addition to the above through the active GitHub account [@StevenClontz](https://github.com/StevenClontz).

- **Programming and Markup Languages**

HTML5 (Markdown, HAML, Slim), CSS (LESS, SASS), ECMAScript (Typescript, Coffeescript, jQuery, AngularJS), Mobile App Development (Ionic, Cordova), PHP (Wordpress, Wolf CMS), Python (Django), Ruby (Rails, Sinatra, Jekyll, nanoc), L^AT_EX, Git, Firebase, SQL (MySQL, PostgreSQL, SQLite), Data Serialization (JSON, YAML)