

# Anthony A. Boyles

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<http://nortalktoowise.com/>

## Education

**Master of Science in International Affairs**  
Georgia Institute of Technology, *Atlanta, GA*

*Graduation*  
*Dec. 2011*

**Bachelor of Arts in International Studies and Computer Science**  
Emory College of Arts and Sciences, *Atlanta, GA*

*Graduated*  
*May 2010*

## Research Experience

### Graduate Research Assistant

Georgia Tech Research Institute Office of Policy Analysis and Research, *Atlanta, GA*

- Worked for OPAR developing Drupal Data Visualization tools and maintaining the OPARWiki Semantic Mediawiki Platform for the Science and Technology Policy Primer.

*Fall 2011*

### Intern

Georgia Tech Research Institute Office of Policy Analysis and Research, *Atlanta, GA*

- Worked for OPAR coding legislation for their annual "Legislative Landscape." Also established the OPARWiki Semantic Mediawiki Platform for the Science and Technology Policy Primer

*Summer 2011*

### Independent Study

Georgia Institute of Technology Department of International Affairs, *Atlanta, GA*

- Worked with Dr. Peter Brecke to produce a proof-of-concept paper using Self-Organizing Maps to analyze political science data.
- Worked with Dr. Margaret Kosal to demonstrate the divide between top-level policy and defense spending priorities in the United States Defense Budget

*Fall 2011*

*Spring 2011*

### Research Assistant

Emory University Department of Political Science, *Atlanta, GA*

- Worked for Dr. Jeffrey Staton to generate automation scripts in AutoIt scripting language and data mining and preparing applications in Java to download Supreme and Constitutional Court case files from around the world, convert them to PDF (where necessary), and upload them to The Comparative Law Project server to be coded
- Worked for Dr. Kyle Beardsley to assist in the coding of a dataset archiving every unique United Nations Security Council action, derived from raw text of UN Security Council Resolutions

*Fall 2009 -*  
*Summer 2011*

*Summer 2010*

## Teaching Experience

### Teacher/Tutor

The Princeton Review, *Atlanta, GA*

- Tutor and teach the Princeton Review SAT (Jan. '08), ACT (June '09), and GRE (Jan. '11) courses, administer diagnostic examinations, advise students on the University application processes

*Jan. 2008*  
*- Present*

## Other Experience

### Web Developer

Emory University Department of Russian and East Asian Languages and Cultures, *Atlanta, GA*

- Created and temporarily maintained Confucius Institute of Atlanta website
- Worked to develop dynamic Blackboard content to aid the teaching of CHN 101 and CHN 102: Introductory Chinese (Mandarin, Simplified Characters)

*Jan. 2008*  
*- April 2009*

## **Skills**

- Proficient with Java Programming and Autolt Scripting
- Proficient with Statistical Analysis in R, SPSS, Stata, and SAS/JMP
- Proficient with System Dynamic Modeling in Stella, with some experience in similar platforms
- Proficient with Excel
- Experience with Agent-Based Modeling in Netlogo
- Experience with MySQL
- Elementary Proficiency with ArcGIS
- Experience Writing Scenarios and Executing the Path Game “The Mastery of Asia”

## **Interests**

- Methodological Interests include Quantitative Methods (Statistical, System Dynamic, and Agent-Based Modeling), and Formal (Game Theoretic) Modeling, Forecasting, Automated Content Analysis, Data Mining.
- Substantive Interests include Assassinations, Inter- and Intra-state Conflict, Arms Markets, Science and Technology Policy, East Asian Politics

## **Associations**

- Member, American Political Science Association
- Member, Armed Forces Communications and Engineering Association

## **Languages**

- Intermediate (2+ years study) Proficiency in Spoken Mandarin Chinese (Beijing Accent)
- Native Spoken/Written Fluency in English