

Nicolas Aguirre

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The Media School

College of Arts & Sciences

Indiana University

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Education

M.F.A., Interactive Media I University of Miami

B.S.B.A., Finance I University of Central Florida

Teaching

Indiana University - Bloomington

- *Lecturer*, The Media School (August 2016 – Present)

University of Miami

- *Adjunct Professor*, School of Communication (August 2015 - December 2015)

Work Experience

Indiana University - Bloomington - Lecturer

Fall 2016 - Present

- *MSCH-J460: Interactive Data Visualization*
- *MSCH-J360: Web Design*
- *MSCH-J362: Multimedia Storytelling*

University of Miami - Adjunct Professor

Fall 2015

- *CIM310: Introduction to Game Design*

NORC @ The University of Chicago - Data Visualization Intern

May 2015 - August 2015

- Serving as an internal consultant for data-intensive projects
- Analyzing robust data sets and designing visualizations for management
- Developing both static and dynamic tools for analysis
- Enhancing existing visualization projects by adding interactivity

Palmetto Bay Academy - Math Instructor

January 2012 - June 2013

- Teaching and tutoring students in all high-school mathematics levels (including calculus)
- Preparing online homework and assessments for students
- Developing and maintaining school-wide spreadsheets for attendance and grading
- Preparing students for SAT
- Preparing student progress reports and grading workbooks for teachers

Siemens Energy - Intern Analyst

December 2010 - August 2011

- Running monthly operating reviews, including WIP, balance sheet, and other financial statements
- Participating in weekly expenditure meetings
- Aggregating financial data for budget purposes
- Participating in conferences with South-American branch employees

Lockheed Martin MFC - Lean Six Sigma Intern

May 2010 - December 2010

- Running SQL-based queries and compiling MOR reports using dbVisualizer
- Manipulating and analyzing data in Microsoft Excel
- Discovering and reporting database inefficiencies and data integrity issues
- Website development and maintenance using Microsoft Sharepoint Designer

Skills

Technical

Proficient - JavaScript, Java/Processing, CSS, HTML

Working Knowledge - Python, R, bash, SQL, Swift, VBA (*esp. Excel*)

Libraries & Tools - d3.js, p5.js, leaflet.js, highcharts.js, moment.js, datgui, git, MAMP

Creative

Tableau, Adobe Illustrator, Adobe PhotoShop