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# THOMAS LAMB

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**Objective** To obtain a job where I could leverage my programming ability and problem solving skills to find efficient *and* elegant solutions to challenging problems.

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## Education and Training

University of Florida

Fall 2010 - Spring 2014

- B.S.: Physics and Mathematics (double major)
  - GPA: 3.66 (Overall), 3.61 (Physics), 3.61 (Mathematics)
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## Technical skills

Languages (in descending order of fluency):

C++, C, Python, Mathematica, JavaScript, Shell

Favorite libraries:

C++: STL, Python: NumPy, Flask, JavaScript: JQuery

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## Professional Experience

Federico, Lamb and Associates, Inc.

Summer 2011-Present

- Developed realtime data scraping tools in Python using BeautifulSoup and Requests
  - Analyzed and visualized timeseries in Python using NumPy and Pandas
  - Provided webservice for accessing scraped data and generating plots using Apache mod\_python
  - Combined webservice with Google Maps API to visualize current canal flow in South Florida
  - Automated static webpage generation in Python using Jinja2
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## Open Source Contribution

iTerm2 - Mac OS Terminal Replacement

Summer 2013

- Implemented 24-bit color escape sequence support for the terminal emulator
  - Extended an Objective-C codebase with no prior experience with the language
  - Worked with the maintainer through code reviews to follow style and safety guidelines
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