
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.

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

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
 - Currently implementing a RESTful API for accessing collected timeseries data using Flask-RESTful
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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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