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)

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

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