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 of realtime data scraping tools in Python using BeautifulSoup and Requests
- Analysized and visualized timeseries in Python using NumPy and Pandas
- Provided Webservice for accessing scraped data and generating plots using Apache mod_python
- 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
- Followed style and safety guidelines while contributing my first 1,000 lines of Objective-C code

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Ask me about...

- implementing functional constructs like currying and uncurrying in C++11,
- why good code is unoriginal, and
- the thousand and one "gotchas" in C++.