

Jake Zyons Wood

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EDUCATION

Bachelor of Arts, Physics & Computer Science
Middlebury College, Middlebury, VT
graduated May 2015

COMPUTER SKILLS

OOP Languages: Java (w/ Eclipse), Javascript (incl. HTML,CSS).
Scientific Computing: Wolfram Language (Mathamatica 10), Python, R.
Libraries: NumPy & SciPy, Matplotlib, D3.js, jQuery.
Misc: Processing (language), Netlogo, LaTeX, GIMP.
Operating Systems: Linux (Basic Terminal), Windows.

EXPERIENCE

Wolfram Research Summer 2014
Intern for the algorithms R&D department, Champaign-Urbana, IL

- Headed own project which contributes to future functionality of Mathematica.
- Debugged/updated documentation for the summer release of Mathematica 10.

National Youth Science Camp (National Youth Science Foundation) Summer 2013
Camp Counselor and Media Coordinator, Monongahela National Forest, WV

- Maintained National Youth Science Camp website
- Ran science seminars and led overnight camping trips.

Premiere Global Services Inc. Summer 2012
Intern for R&D Software Engineering Team, Colorado Springs, CO

- Implemented a number of programming assignments as well as performed general trouble-shooting and problem solving.

CS tutor & Physics grader Spring 2012-Spring 2014, Spring 2015

- Provided help on the programming homework during evening drop-in sessions. Graded PHYS106 assignments (Fall 2015).

Crystal Park Cantina Mexican restaurant Summer 2012
Waiter, Manitou Springs, CO

SERVICE

Middlebury Outdoor Orientation Guide Beginning of Sept. 2014,2015

- Guided first-year students on 3 days of backpacking in the Green Mountains.
- Led move-in and first-week orientation activities for freshman.

EXTRA-CURRICULAR ACTIVITIES

Xenia House CFO (Fall 2014-2015)
Spring Student Symposium Presenter 2015. Topic: Fractal Mathematics.
Orchestra (1st Trombone 2011-2013)
Pep Band (founding member)
Swing Dance Club (Instructor 2014-2015)
Varsity Track and Field Team. 18th in NCAA DIII National Championships for the 400mH (2014).