Andrew L. Trattner

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Who?

Hi there! I'm Andy from Milwaukee WI and Portland OR, currently living in San Diego after college in Boston. It's a pleasure to meet you, and I would love to introduce myself further. Please contact me, or click my cartoon head above ↗ to view a cover letter.
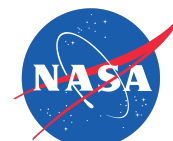
What?

Software, Jun—Aug 2013
In high school, I interned with the SE-FIT team at Portland State.

International Space Station Research, Jun—Aug 2013
Also operated a $17M experiment with astronauts. Link to paper →

CAD and Systems Testing, Sep 2013—Jan 2014
Interned with drone startup HoneyComb (precision agriculture).

James Webb Space Telescope Engineering, Jun—Aug 2015
3D printing (AM) and structural analysis at Northrop Grumman.

Social Engineering, Sep 2015—Aug 2016
MIT hired me as a tour guide and TA for a couple classes.
Co-founded and led 501c3 nonprofit Lean On Me, raised over $50k.

Banking in Barcelona, Feb—May 2017
Honed my Spanish on the social media team at CaixaBank HQ.

U.S. Presidential Scholars Program, June 2017
Ran White House program at Dept. of Ed. and sat on alumni board.

Venture Capital, May—Aug 2017
Sourced, analyzed early stage deals alongside partners of new firm.

Where?

Portland State University	high school LINK program	2012 — 2013
-Linear Algebra	-Differential Equations	
-Multivariable Calculus	-Intro to Real Analysis	

Massachusetts Institute of Technology		2014 — 2018
B.S. 18c Mathematics with Computer Science (6 semesters)		
-6.005 Software Construction	-18.404 Theory of Computation	
-16.001-4 Unified Engineering	-18.415 Advanced Algorithms	

How?

Languages	*python, java, web, LaTeX, matlab, visual basic, Spanish*
CAD and FEM	*catia, solidworks, autodesk, femap, patran, nastran*
Rapid Prototyping	*power tools, 3D printing, CNC lasers, duct tape*
Strategic Communication	*grants, technical writing, public speaking*