

DAVID NEWCOMB

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EDUCATION

- 09/10 – 06/14 **STANFORD UNIVERSITY (B.S.)** **STANFORD, CA**
B.S. in Mathematical and Computational Science
- Course work includes computer science, mathematics, physics, poetry, chemistry and Spanish.
 - Specific Math classes: Multivariable Calculus, Linear Algebra, Matrix Theory, Group Theory, Probability and Statistics, Ordinary Differential Equations, Linear and Non-linear Optimization, Applied Statistics, First-Order Logic, Statistical Inference, Stochastic Modeling.
 - Depth track in Engineering (GPA – 3.70)
- 01/14 - present **STANFORD UNIVERSITY (M.S.)** **STANFORD, CA**
Pursuing an M.S. in Management Science and Engineering
- GRE – 168 (Verbal), 164 (Math), 4.5 (Writing)
 - Depth track in renewable energy under the focus of Energy and Environment.
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EXPERIENCE

- Summer 2014 **CARBON LIGHTHOUSE** **SAN FRANCISCO, CA**
Engineering Intern (40 hrs./week)
- Built out a Measurement & Verification statistical tool to gauge the energy savings impact of Carbon Lighthouse engineering projects (R code)
 - Helped build out processes to identify and assess new energy efficiency measures
- Summer 2013 **SAMSUNG** **MOUNTAIN VIEW, CA**
Partnerships & Operations Group Intern (40 hrs./week)
- Delivered key project and presentation on Samsung's role in the future of messaging
 - Met with 12 potential partners focused on software solutions – Lingospot, gui.de, MightyText, BungeeConnect, Earbits, Tikl/Talkray, Mosaic, XSync, Hoopz, AlertID, Flipxter, Poofchat.
 - Worked with talent acquisition to screen resumes for Partnerships and Investments positions.
- Summer 2012 **TXU ENERGY** **IRVING, TX**
Finance & Marketing Intern (40 hrs./week)
- Built a profitability calculator for electric plans using projected natural gas prices & energy use.
 - Wrote new marketing messages for the iThermostat to refine its marketing campaign.
 - Created web layouts for solar and wind energy campaigns with partner SolarCity.
- 09/11 - 01/12 **ALTA ENERGY** **SAN MATEO, CA**
Independent Contractor (8 hrs./week)
- Researched solar panel installation and the solar marketplace to assist internal projects.
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PERSONAL INFORMATION

Computer Skills: Proficient with Mac and PC software including MATLAB, R, Eclipse, LaTeX, & Microsoft Office
Languages: Fluent in Spanish, proficient in Java, C++, and C (took CS 106A, CS 106B, CS 107).
Interests: Poetry, hiking, music, and sports – track & field, basketball, frisbee, football, biking
Other: Captain of Stanford Men's Ultimate Frisbee Team, Former Stanford Club Sports Vice FO