

Tejas Shastry

Team Builder, Materials Engineer, Data Scientist, Mobile Developer

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EDUCATION	Ph.D., Materials Science and Engineering Northwestern University	Evanston, IL <i>Sept 2011 - Present</i>
	Thesis: <i>Carbon Nanotubes as Absorbers in Thin-Film Photovoltaics</i> Developing new architectures for stable, low-cost, high-efficiency solar cells that incorporate tailored distributions of carbon nanotubes as an absorbing material Advisor: Dr. Mark Hersam GPA: 3.89/4.00	GRE: 800 quant / 620 verbal
	B.S., Materials Science and Engineering, Cum Laude Northwestern University GPA: 3.74/4.00	Evanston, IL <i>June 2011</i>
	Technische Universität München GPA: 4.00/4.00	Munich, Germany <i>Summer 2010</i>

INDUSTRY EXPERIENCE	AMPY CEO and Co-Founder Raised \$1M and built team of 9 to bring a patented energy harvesting technology to market in 12 months. Coordinated an international supply chain for an output of thousands of units per month. Lead development for the AMPY+ mobile app that featured predictive battery life forecasting powered by machine-learning.	Chicago, IL <i>Jan 2013 - Present</i>
	FUNCTIONAL COATING TECHNOLOGIES Fuel Cell Design and Production Engineer Managed and led a team of engineers focused on producing a commercial-scale demonstration of a proprietary solid-oxide fuel cell technology	Evanston, IL <i>Jan 2009 – Jan 2010</i>
	BECKER WEB SOLUTIONS, LLC Web and Mobile Developer Created integrated mobile and web apps using VB.NET, Python and PHP	Bellevue, NE <i>Aug 2007 – Nov 2009</i>

RESEARCH EXPERIENCE	HOWARD KATZ RESEARCH GROUP Johns Hopkins University <ul style="list-style-type: none">Designed and tested novel architectures for organic field-effect transistor sensors used in the detection of explosives	Baltimore, MD <i>Summer 2009</i>
	HADDON RESEARCH GROUP University of California, Riverside <ul style="list-style-type: none">Advanced the use of chemically-modified carbon nanotube sensors for the detection of acidic gases with respect to sensitivity and response	Riverside, CA <i>Summer 2008</i>

AWARDS	Forbes 30 under 30 , NSF Graduate Research Fellowship, Ryan Fellowship
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PUBLICATION SUMMARY	5 lead author publications, 7 co-authored publications (h-index of 7) 1 patent issued, 1 patent pending See full publication list at http://tshastry.com/scholar
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