

# Robert Lou

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CONTACT INFORMATION	801 S. 24th St Apt 3 Philadelphia, PA 19146	mobile: (919) 638-3982 e-mail: robert.lou@uphs.upenn.edu website: <a href="http://columbia.edu/~rl2595">columbia.edu/~rl2595</a>
EDUCATION	<b>University of Pennsylvania School of Medicine</b> , Philadelphia, PA <i>M.D. Candidate</i>	<b>2016-Present</b>
	<b>Columbia University</b> , New York, NY <i>B.A. in Computer Science-Mathematics, magna cum laude</i> Activities: <ul style="list-style-type: none"><li>• Teaching Assistant for Multivariable Calculus</li><li>• Columbia University Klezmer Band, accordionist</li><li>• Columbia Mentoring Initiative, mentor</li></ul>	<b>2011-2015</b>
HONORS AND AWARDS	Columbia Computer Science Department Award (2 per graduating class) Phi Beta Kappa United States National Physics Olympiad Semifinalist USA Mathematical Talent Search Bronze Medalist	
EXPERIENCE	<b>MathWorks</b> , Natick, MA <i>Software Engineer</i> Developed customer visible functions in the Statistics and Machine Learning Toolbox for MATLAB. Contributed to all parts of the development cycle, including design, implementation, testing, and deployment. Also mentored summer interns by defining summer projects and providing technical guidance.	<b>2015-2016</b>
	<b>Meddik</b> , New York, NY <i>Web Development Intern</i> Designed gamification system to incentivize user actions on <a href="http://www.meddik.com">www.meddik.com</a> using the Ruby on Rails framework. Meddik is a startup that aims to serve personalized health information by creating communities of users with similar health backgrounds.	<b>Fall 2012</b>
RESEARCH	<b>Children's Healthcare of Atlanta</b> , Atlanta, GA <i>Research Intern</i> Yi J, <b>Lou R</b> , Bricoll J, Widen RH, Silbert S, Jerris RC. Detection of Carbapenemase Producing Organisms by Matrix Assisted-Laser Desorption Ionization-Time of Flight Mass Spectrometry. ICAAC 2014; Washington, DC.	<b>Summer 2014, Summer 2013</b>
	<b>Cincinnati Children's Hospital Medical Center</b> , Cincinnati, OH <i>Research Intern</i> Brian J Siroky, Ryan J Reichert, <b>Robert Lou</b> , EJ Kathman, Lu Lu, John J Bissler. Role of the Renin-Angiotensin System in TSC Renal Angiomyolipoma Progression. ASN Renal Week 2012.	<b>Summer 2012, Summer 2011</b>
SKILLS	Programming Languages: Java, C/C++, Python, Ruby, MATLAB Languages: Conversant in Chinese	
PERSONAL	Interests include playing the piano and accordion, cooking, and rock climbing.	