

# Erick Lin

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## EDUCATION

<b>Georgia Institute of Technology</b> (expected graduation – May 2017)	Aug 2014-
<ul style="list-style-type: none"><li>• GPA: 3.9/4.0 (4.0/4.0 in major)<ul style="list-style-type: none"><li>◦ Faculty Honors – Spring 2015</li></ul></li><li>• Pursuing Bachelor of Science in Computer Science<ul style="list-style-type: none"><li>◦ Threads/specializations – Systems &amp; Architecture, Theory</li></ul></li><li>• Pursuing Bachelor of Science in Applied Mathematics</li></ul>	
<b>Dobyns-Bennett High School</b> , Kingsport, TN	2011-2014
<ul style="list-style-type: none"><li>• National Advanced Placement Scholar, National Merit Finalist</li><li>• Graduated as a Junior</li></ul>	2014

## EXPERIENCE

<b>LAMP Camp</b> – 12-week internship at <b>Cresca Group</b> , Norcross, GA	May-Aug 2015
<ul style="list-style-type: none"><li>• Integrated company internal software with APIs including FormStack and Paypal to enable receipt of incoming orders from online sales channels</li><li>• Wrote a regex parser to convert order information from plaintext to XML format, and integrated with the ShipStation API to send processed orders and pass along shipping notifications</li><li>• Managed the team's remote Git repo and assigned tasks for weekly sprints following the Agile methodology</li><li>• Contributed toward release of an enterprise-scale data management system for online order information, adopted by over 40 clients</li></ul>	

## RESEARCH

<b>National Collegiate Research Conference</b> , Harvard University	Jan 2015
<ul style="list-style-type: none"><li>• Accepted for poster presentation (<i>Individual variability in pattern recognition and set shifting under the influence of ambiguity priming</i>)</li></ul>	
<b>iTrans VIP</b> , Georgia Institute of Technology, Atlanta, GA	Aug-Dec 2014
<ul style="list-style-type: none"><li>• Overhauled real-time bus transit map in Javascript, JQuery, and Leaflet</li></ul>	
<b>Simons Summer Research Program</b> , Stony Brook University, Stony Brook, NY	Jun-Aug 2014
<ul style="list-style-type: none"><li>• Constructed probabilistic models to study human pattern recognition</li><li>• Developed an emotionally engaging pattern detection task in MATLAB</li><li>• Project selected as <b>semifinalist</b> in <b>Siemens Competition</b></li><li>• Selected to advance to international level at <b>Intel International Science and Engineering Fair</b></li></ul>	
<b>Governor's School for Computational Physics</b> , Clarksville, TN	Jun 2013
<ul style="list-style-type: none"><li>• Experimented using high-precision equipment and numerical methods</li></ul>	

## ACTIVITIES/LEADERSHIP

<b>ConocoPhillips Innovation Challenge</b> , Bartlesville, OK	Apr 2015
<ul style="list-style-type: none"><li>• 3<sup>rd</sup> place overall for developing a wearable technologies-interfacing Android app and analytics front-end utilizing server push and REST-style alerts to notify workers of location when someone could be in critical condition</li><li>• 1 of 16 students invited</li></ul>	
<b>ACM Programming Team</b> – Judging Software Developer, Participant	Aug 2014-

**Runnin' Wreck** – Webmaster

Aug 2014-

**Programming Competitions:**

- **Zenhacks** – placed 92/1173 Feb 2015
- **Algorithms with a Purpose**, ACM@CMU – placed 4/95 Oct 2014
- **Back2School CodeSprint**, HackerRank – placed 41/598 Oct 2014
- **USA Computing Olympiad** – qualified for Gold (highest) Division 2013-2014

**SKILLS**

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Languages: C++, C, Java, Haskell, MATLAB/Octave, MySQL, Javascript, PHP, LaTeX, Fortran

Operating systems and software: UNIX/Linux, Git, Vim, Emacs, Android Studio, Gradle

Putnam Exam score: 21