

Erick Lin

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EDUCATION

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

EXPERIENCE

LAMP Camp – 12-week internship at Cresca Group , Norcross, GA	May-Aug 2015
<ul style="list-style-type: none">• Developed server-side applications integrating company internal software with numerous APIs (including FormStack, ShipStation, and PayPal), both to enable receipt of incoming orders from online sales channels and to pass along shipping notifications via a production database• Wrote a regex parser to convert orders that differed widely in format into a unified schema• Managed the team's remote Git repository and delegated responsibilities in weekly sprints, following the Agile methodology• Completed projects culminating in release of an enterprise-scale data management system for online orders (adopted by over 40 clients)	

RESEARCH

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

ACTIVITIES/LEADERSHIP

Programming Competitions: <ul style="list-style-type: none">• TopCoder –Yellow (second highest rating level)	Feb 2015
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• Zenhacks , HackerRank – placed 92/1173	
• 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
ConocoPhillips Innovation Challenge , Bartlesville, OK	Apr 2015
• 3 rd 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	
• 1 of 16 students invited	
ACM Programming Team – Judging Software Developer, Participant	Aug 2014-
Student Activities Board for Undergraduate Research (SABUR) – Webmaster	Apr 2015-
Runnin' Wreck – Webmaster	Aug 2014-

SKILLS

Languages: C++, C, Java, Haskell, Octave/MATLAB, Javascript, PHP, MySQL, Fortran, LaTeX
 OS/Software: UNIX/Linux (Ubuntu, Arch), Git, Vim, Emacs, GDB, Gradle, Android Studio, Drupal
 Putnam Exam score: 21