Erick Lin

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EDUCATION

Georgia Institute of Technology (expected graduation – May 2017)   Aug 2014-
- GPA: 3.9/4.0 (4.0/4.0 in major)
  - Faculty Honors – Spring 2015
- Pursuing Bachelor of Science in Computer Science
  - Threads/specializations – Systems & Architecture, Theory
- Pursuing Bachelor of Science in Applied Mathematics

Dobyns-Bennett High School, Kingsport, TN   2011-2014
- National Advanced Placement Scholar, National Merit Finalist   2014
- Graduated as a Junior

EXPERIENCE

LAMP Camp – 12-week internship at **Cresca Group**, Norcross, GA   May-Aug 2015
- Completed projects culminating in release of an enterprise-scale online order pipeline and data management system (adopted by over 40 clients)
- Developed server-side applications integrating company internal software with numerous APIs (including FormStack, ShipStation, and PayPal)
- Wrote regex parsers 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

RESEARCH

National Collegiate Research Conference, Harvard University, Cambridge, MA   Jan 2015
- Accepted for poster presentation (*Individual variability in pattern recognition and set shifting under the influence of ambiguity priming*)

iTrans VIP, Georgia Institute of Technology, Atlanta, GA   Aug-Dec 2014
- Overhauled real-time bus transit map in Javascript, JQuery, and Leaflet

Simons Summer Research Program, Stony Brook University, Stony Brook, NY   Jun-Aug 2014
- Received $1,000 award stipend
- Constructed probabilistic models to study human pattern recognition, and 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
- Ran experiments using high-precision equipment and numerical methods

ACTIVITIES/LEADERSHIP

Programming Competitions:
- **TopCoder** rating: Yellow (Div. 1, second highest rating level)
- **Codeforces** rating: Purple / Candidate Master (Div. 1)

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

ConocoPhillips Innovation Challenge, Bartlesville, OK — Apr 2015
- 3rd place ($500) 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 in total

ACM Programming Team – Judging Software Developer, Participant — Aug 2014-
Student Activities Board for Undergraduate Research (SABUR) – Webmaster — Apr 2015-
Runnin' Wreck – Webmaster (http://runninwreck.gtorg.gatech.edu/) — 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