Erick Lin

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OBJECTIVE

To obtain a research or software engineering internship position in the summer of 2015

EDUCATION

Georgia Institute of Technology, Atlanta, GA	2014-2017

- GPA: 3.75/4.0 (4.0/4.0 in STEM-related courses)
- Pursuing Bachelor of Science in Computer Science
- Classified as sophomore by transfer credit hours
- Threads/specializations – Systems & Architecture, Theory

Dobyns-Bennett High School, Kingsport, TN	2011-2014

- Graduated as a junior

RESEARCH

Research Assistant, Georgia Tech Institute for Robotics and Intelligent Machines	2014-

- Currently developing a machine learning model in Anki DRIVE

iTrans (Vertically Integrated Project), Georgia Institute of Technology	2014

- Renovated real-time campus transit map for management purposes
- Part of ongoing implementation of a novel self-organizing transit system

Simons Fellow, Stony Brook University, Stony Brook, NY	2014

- Developed an emotionally engaging pattern detection task in MATLAB
- Studied pattern recognition and set shifting under conditions of ambiguity
- Paper selected as **semifinalist** in **Siemens Competition**
- Selected to present at Harvard's **National Collegiate Research Conference** — 2015

Governor's School for Computational Physics, Clarksville, TN	2013

ACTIVITIES/LEADERSHIP

Selected for **Conoco-Phillips Innovation Challenge** (monetary award; 16 participants)	2015

Programming Competitions:

- **Facebook Hacker Cup** – placed 1292/6584 in post-Qualification Round — 2015
- **Quora Haqathon** – placed 168/954 — 2014
- ACM@CMU **Algorithms with a Purpose** – placed 4/95 — 2014
- **HackerRank Back2School CodeSprint** – placed 41/598 — 2014
- **USA Computing Olympiad** – qualified for Gold Division (highest) — 2013-2014

Student Organizations:

- **ACM Programming Team** – judging software developer, participant — 2014-
- **Runnin' Wreck** (long-distance running club) – secretary

SKILLS

- Concepts – standard algorithms and data structures, version control, object-oriented paradigm, Markov switching models
- Languages – Java, C/C++, Javascript, MATLAB, HTML, LaTeX, Fortran
- Operating systems & software – Windows, UNIX/Linux, Git, Gradle