

Luke Camery

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EDUCATION

BROWN UNIVERSITY

Sc.B. IN COMPUTER SCIENCE AND ECONOMICS

Expected: May 2017 | Providence, RI.

Cum. GPA: 3.9

5 (maximum) courses per semester

THE TRINITY SCHOOL

May 2013 | New York, NY

Student Body President

Most Outstanding Computer Science Student

LeMaire Prize for Citizenship

LINKS

Github:// [lccodes](#)

LinkedIn:// [lukecamery](#)

COURSEWORK

UNDERGRADUATE

Computer Systems

Cybersecurity and International Relations

Econometrics

Functional Programming

Algorithmic Game Theory

Mathematical Microeconomics

Independent Study in Computer Science and Economics

SKILLS

PROGRAMMING

Over 5000 lines:

Java

Over 2500 lines:

Processing • HTML • JavaScript

Over 1000 lines:

Racket • OCaml • Shell

Over 500 lines:

Android • Scala • Python

C • CSS • PHP

Familiar:

Rails • \LaTeX

MySQL • Assembly

OTHER

Google Analytics • Google AdWords • 3D

Printing • Management • Robotics

Internet Governance • Cyberpolicy

COMPUTER SCIENCE EXPERIENCE

NSF RESEARCH GRANT | STUDY DESIGN + SOFTWARE ENGINEERING

June 2014 – December 2014 | New York City + Providence, RI

- Designed a study with Professor Amy Greenwald to examine user engagement, user interface, and model suspense and surprise in fantasy football.
- Developed a Chrome Extension that tracks users actions, communicates with a VM to record activity, and prompts users with questions.
- Designed and implemented a large, web based, multi-language framework with a modern and engaging front-end.

BROWN UNIVERSITY | RESEARCH ASSISTANT IN CS AND ECONOMICS

December 2013 – Present | Providence, RI

- Studied algorithmic game theory, behavioral economics, no-regret learning, mechanism design, ad exchanges, and autonomous bidding agents with Professor Amy Greenwald.

TRINITY SCHOOL | SENIOR COMPUTER SCIENCE THESES

September 2013 – May 2013 | New York City, NY

- Programmed an iRobot Roomba in Assembly and C with an implementation of the Wavefront algorithm.
- Developed an algorithm which traded the USD and Euro based on Twitter activity.
- Wrote an algorithm that evolved psuedo-randomly generated 3D shapes into aerodynamic forms through selective "breeding" and then 3D printed each generation for wind tunnel tests.

BUSINESS EXPERIENCE

OBERON SECURITIES INVESTMENT BANK | SUMMER ANALYST

May 2011 – August 2011 + July 2012 | New York City, NY

Co-authored two industry reports on the technology sector, finalized pitch decks, and programmed Excel in VBA.

HIGHBRIDGE CAPITAL | INTERN

July 2012 | New York City, NY

Learned macro and statistical arbitrage trading, and audited expense reports.

LEADERSHIP ROLES

BROWN ENTREPRENEURSHIP CLUB | VICE PRESIDENT

Oversees a team of twelve students running a speaker series, an introductory entrepreneurship class for underclassmen, and holds pitch competitions.

CS17: INTEGRATED INTRO. TO CS | TEACHING ASSISTANT

ENGN9: MANAGEMENT OF ORGANIZATIONS | TA

THE BRUIN CLUB | TECHNOLOGY COORDINATOR

Runs a scheduling system for over one hundred tour guides, a text messaging command interface, and a mySQL database with over 500 active users.

THE UNDERGRADUATE COUNCIL OF STUDENTS

| CHAIR OF TECHNOLOGY DEVELOPMENT COMMITTEE