

## Graham D. Harwood

269 Vine Avenue  
Lake Forest, IL 60045  
(847) 641-1264

gdh56@cornell.edu, gdh56.github.io

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### OBJECTIVE

Obtain full time employment in the field of information systems analysis and engineering

### EDUCATION

**Cornell University, College of Engineering;** Ithaca, NY,  
Information Science, Systems, and Technology, Expected Graduation 2015 GPA: 3.36,  
**Lake Forest Academy;** Lake Forest, IL; 2011; GPA: 4.00; *Cum Laude, National Merit Commended Student, Illinois State Scholar, National AP Scholar*

### RELEVANT COURSES

Industrial Data and Systems Analysis	Information Retrieval
Information Systems Analysis	Statistical Data Mining
Intermediate Web Design	UNIX Tools and Scripting
Networks and Social Structures	Finance
Ubiquitous Computing	Natural Language Processing
Financial and Managerial Accounting	Machine Learning

### WORK EXPERIENCE

**Software Engineering Co-op:** *Sentrana Inc., Washington, DC;* 2013

- Redesigned back-end configuration for greater flexibility using NoSQL storage
- Improved cross application integration and security for a large scale data drive web application

**Undergraduate Researcher:** *People Aware Computing Group Cornell University, Ithaca, NY;* 2013, 2014

- Analyzed features for learning models based on mobile phone data
- Designed Android applications to collect phone use data

**Engineering and Quality Assurance Intern:** *Kaydon Corporation, Muskegon, MI;* 2012

- Modernized quality assurance protocols
- Redesigned software to satisfy customer specifications

**Assistant Mechanic:** *MD Marine, Crockerly MI;* 2012

- Disassembled and reassembled marine motors
- Assisted in piston assembly and engine rehabilitation
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**Volunteer Firefighter:** *Cayuga Heights Fire Department, Cayuga Heights, NY;* 2011

- New York State Firefighter I certified
- Trained in basic emergency medical service

### GENERAL SKILLS

Proficient in C#, Javascript, MATLAB, Java, Python, SQL, UNIX, R, Scala, NoSQL, and PHP, Fluent in Spoken and Written Spanish, Red Cross CPR and First Aid Certified, NYS Hazmat Operations certified

### ACTIVITIES AND AWARDS

**National Outdoor Leadership School;** 2009

**Lake Country All-Academic Team;** 2011

**Prefect and Faculty Student Liaison;** 2010 to 2011

**Captain Indoor/Outdoor Track and Senior Award;** 2010 to 2012

**Member of the Fraternity of Phi Gamma Delta**