

Brian Lichliter

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Permanent

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Current

1586 Oak Ave, Apt 2
Evanston, IL 60201

Objective: To secure an internship in the field of user-centered hardware and software design.

Education

Northwestern University, Evanston IL

Bachelor of Science in Computer Engineering (Applying: *Master of Science* in Engineering Design and Innov.)

Anticipated June 2015

(If accepted into M.S. in EDI: December 2015)

Current GPA: 3.84/4.0

Programming languages: Lisp, Python, Perl, SQL, C, C++, C#, Matlab, HTML **Operating Systems:** Windows, Linux, OSX

Relevant Coursework

Computer Science	Object Oriented Programming (C++)	Data Structures and Algorithms (C#)	Introduction to Database Systems (Perl, Oracle SQL)	Introduction to AI (Python)
Computer Engineering	Introduction to Computer Systems (C x86)	Advanced Digital Logic Design	Fundamentals of Circuits	Probabilistic Systems and Random Signals
Engineering Design	Engineering Design and Communication	Software Project Management & Development*	Human Computer Interaction*	Design Strategy*

**Class to be taken by the beginning of summer*

Engineering Experience

Stock Portfolio Manager (HTML / Perl / Oracle SQL) (2013)

- Created a web app that simulated the standard tasks and transactions of a portfolio managing site.
- Design process included: storyboard, E/R diagram, initial SQL implementation, user interface, and implementation of features such as trading, updating and displaying of stock information

Simplified Embedded Automotive System (C++) (2012)

- Programmed a simplified system that simulated different components of a car.
- Implemented a linked list structure, text and command parser, and a class structure among other things to use with the embedded system.

Leadership Experience

- Engineering Design and Communication I (2012) – Group Lead
- American Youth Philharmonic (2011), Marching Band (2011), Jazz Band (2011) – Section Leader

Activities and Honors

- Dean's list honors (six quarters)
- Member of IEEE-Eta Kappa Nu(HKN) Honor Society
- Website/Design Portfolio/Mobile Technology Blog: *brianlichliter.github.io*
- **Trombone:** Jazz Orchestra (2013), Philharmonia Orchestra (2012), Concert Band (2011), Lessons ('11-'13)

Skills

- Working knowledge of Spanish, Korean, Photography