

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 and *Master of Science* in Computer Engineering

Anticipated June 2015

Current GPA: 3.85/4.0

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

Relevant Coursework

Computer Science	Object Oriented Programming (C++)	Data Structures and Algorithms (C#)	Introduction to Database Systems (Perl, Oracle SQL)	Artificial Intelligence Programming (Lisp)
Computer Engineering	Introduction to Computer Engineering	Advanced Digital Logic Design	Introduction to Computer Systems (C x86)	Fundamentals of Circuits
Math and Physics	Multivariable Calculus	Linear Algebra	Differential Equations	Physics (Electricity and Magnetism, Quantum)

Engineering Experience

Engineering Design and Communication I (Post-Stroke Anti-Scissoring System) (2012)

- Collaborated with the Rehabilitation Institute of Chicago to create a device to aid stroke patients in the rehabilitation of their gait.
- Acted as team leader and was responsible for the design of the telescoping tubes that were placed between the legs to help promote a proper gait.

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

- Programmed a simplified system that simulates different components of a car.
- Implemented a linked list structure, 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)
- Technology blog: www.b-lichliter.tumblr.com

Trombone at Northwestern

- Jazz Orchestra (2013), Philharmonia Orchestra (2012), Concert Band (2011), Lessons ('11-'13)

Skills

- Working knowledge of Spanish, Korean, Photography