

ZACHARY SMITH

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OBJECTIVE

To obtain a co-op position in computer engineering that will utilize my technical, communication, and teamwork skills.

EDUCATION

Northwestern University, Evanston, IL

Spring 2014

Bachelor of Science in Computer Engineering; GPA: 3.4/4.0

Relevant Coursework: Engineering Analysis Sequence, Engineering Design and Communications (EDC),
Computer Programming Sequence, Computer Systems, Introduction to Computer Engineering

ENGINEERING PROJECT EXPERIENCE (EDC)

Project A (4-Person Team)

Winter 2011

- Designed and constructed a chair for a young boy with cerebellar ataxia, to provide ergonomic support and help him sit up straight.
- Created progress reports, design reviews, and final proposal and presentation

Project B (4-Person Team)

Spring 2011

- Constructed a manually-powered food shredder/extractor to be run by students in middle school to prepare the food for composting.
- Delivered final presentation and report to the Deans of Undergraduate Admissions and of Engineering, and others

EXPERIENCE

Northwestern Student Mobile Group, Evanston, IL

2011-Present

Developer/Designer

- Worked with a small team to refactor Northwestern's iPhone and Android apps, as well as to create mobile websites.
- Redesigned user interfaces for parts of Northwestern's iPhone and Android apps.

Venture2020, Evanston, IL

Fall 2010-Winter 2011

Web Designer/Developer

- Constructed a database-driven site for the non-profit organization Venture2020.
- Designed the user interface based on the logo provided.

Rutherford Photo Video, Decatur, IL

Summer 2010

Video Editor, Graphic Designer

- Edited footage to construct video compilations of performances and events.
- Created composites of 150+ members of a dance studio. Used Photoshop's scripting capabilities extensively to streamline this process.

HONORS AND AWARDS

- Phi Kappa Psi active member 2011-present
- Casas Por Cristo*, volunteered two summers to build houses in Mexico High School
- Varsity Athletic Letterman High School
- Vice President of Senior Class High School
- Graduated Summa Cum Laude, third in class High School
- National Honors Society High School

COMPUTER SKILLS

- Proficient in Ruby, PHP, Javascript, CSS3, HTML5, SQL (MySQL 5+), Objective-C, and C++
- Some knowledge of Python and Java
- Well-versed in Windows, Mac OS X, and Linux (bash command line).