

# BRYAN JENSEN

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*Current Address:* 26 E. Main St · Norton, MA 02766

## EDUCATION

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### Wheaton College, MA

August 2012-Present

BA in Computer Science (*Expected May 2015*)

Honors: Dean's List

Overall GPA: 3.96/4.0 · Computer Science GPA: 4.0/4.0

### San Francisco Waldorf High School

August 2009-June 2012

Overall GPA: 3.91/4.0

## AWARDS

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### CCSCNE Poster Competition: 3rd Place

April 2014

- The Consortium for Computing in Small Colleges' northeastern region attracts hundreds of participants for keynote talks, and a poster competition. Out of 56 poster applicants from small colleges across the North Eastern U.S., 51 of whom qualified, our poster on our work for the [Lexos](#) tool won 3rd place.

## PROJECTS & EXPERIENCE

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### Knexus Research Corp.

June 2014 - August 2014

*Software Engineer Intern*

*National Harbor, MD*

- At Knexus I got to work on a collaborative project involved various military entities, with the goal of creating a reasoning system for a fully autonomous UAV. The goal of this UAV was to be capable of flying wingman to a human pilot, which necessitated the creation of a State Prediction system, which I ended up architecting from the ground up utilizing a provided simulator.

### Lexomics Research Group

May 2013 - July 2014

*Programmer/Lead Programmer*

*Norton, MA*

- For the [Lexomics Group](#) I worked on developing both front-end and back-end (using Python, [Flask](#) and [Jinja](#)) for an [open-source](#) online suite of tools for text analysis, [Lexos](#), eventually inheriting the majority of design and development responsibilities.
- Description: Lexos is a suite of tools used worldwide in text analysis, with text management, preparation and analysis options involving various different machine learning techniques and visualizations.

### Leap Motion Rubik's Cube

August 2013 - December 2013

*Developer*

*Norton, MA*

- As part of an experimental course, I was part of a group building an application for the [Leap Motion Controller](#), leveraging the interface capabilities to allow a user to manipulate, scramble and solve a Rubik's Cube.

### Book Exchange Site

August 2013 - Present

*Sole Developer*

*Norton, MA*

- Due to a lack of opportunities to program with new languages, I decided to write a book exchange site as an excuse to learn PHP. The project has since shifted to use [node.js](#) and a cool front-end database called [Firebase](#).

## TECHNICAL SKILLS

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### Programming Languages

Python, C++, Java, JavaScript, and PHP

### Other Languages & Tools

Git, Mercurial, SVN, HTML5, CSS3, jQuery, Node.js, AJAX,

(*in order of familiarity*)

[Flask](#), MySQL,  $\text{\LaTeX}$ , Xcode 5, and Visual Studio 2013

### Operating Systems Experience

Mac OSX (10.9), Linux (Ubuntu 12.04 - 14.04),

(*as above*)

and Windows (XP - Windows 8.1)