# Noah **Haselow**

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## EDUCATION

**University of Wisconsin - Madison**
Majors: Computer Science & Mathematics
Relevant Coursework:

- Data Structures
- Machine Organization
- Combinatorics
- Human-Computer Interaction
- Algorithms
- Linear Algebra

GPA: 3.74
Expected Graduation: May 2019

**UW Sports Analytics Club Software Developer**
*January 2017 – current*

- Working with group of developers on projects that aid building new club
- Chief Web Developer, in charge of designing club's website in Wordpress

## PROJECTS

**NBA Web Data Scraper,** script for project involving predicting NBA games
*February 2017 - current*

- Scrapes through 1200+ box scores on basketball-reference.com and records data in a .csv file using Python's BeautifulSoup scraping module
- Initially developed for 2017 MadHacks to aid fitting NBA regression model
- Currently working on automating daily scraping to keep model live

**Matrix Calculator,** calculator made to streamline Linear Algebra coursework
*Spring 2016 – Fall 2016*

- Implements expression handler in which custom expressions are calculated via execution of a Reverse Polish Notation algorithm.
- UI made with Java Swing's JFrame and GridBagLayout.

**Chinese Checkers,** app built independently alongside Data Structures course
*Fall 2015 – Spring 2016*

- Manipulates a self-made hexagonal lattice data structure represented by a cube-coordinate graph used to keep record of the game board.
- Ability to play CPU player run by greedy move search algorithm.

## SKILLS

**LANGUAGES**
Proficient: Java, R
Familiar: Python, HTML/CSS, C++, C

## EXPERIENCE

**StudentPrint – IT Tech Specialist**
*August 2016 – current*

- Accountable for maintaining office of computers and printers
- Ensure high system availability alongside University IT Department
- Work across computers of varying operating systems