

# NOAH HASELOW

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PORTFOLIO [noahhaselow.com](http://noahhaselow.com) ◇ GITHUB [nhaselow](https://github.com/nhaselow)

## EDUCATION

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### University of Wisconsin - Madison

September 2015 - current

Computer Science, Statistics, & Mathematics

Relevant Coursework:

- Software Engineering, Data Structures, Algorithms, Database Management Systems
- Human Computer Interaction, Artificial Intelligence, Machine Organization

GPA: 3.55

### UW Sports Analytics Club - Lead Software Developer

December 2016 - May 2018

- Managed & worked with a group of developers on projects for a new club involving advanced stats in sports.
- Projects include designing & maintaining [sportsanalysis.wisc.edu](http://sportsanalysis.wisc.edu), and NBA Web Data Scraper.

## PROJECTS

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### NBA Web Data Scraper

February 2017 - May 2017

*Script for project involving predicting NBA games*

- Scrapes and records 1200+ box scores on [basketball-reference.com](http://basketball-reference.com) using Python's BeautifulSoup scraping module.
- Initially developed for 2017 MadHacks (24 hrs) to aid fitting predictive regression model.

### Matrix Calculator

March 2016 - August 2016

*Calculator made to streamline Linear Algebra coursework*

- Implemented expression handler in which custom expressions are evaluated via Postfix Notation algorithm.
- UI made with Java Swing's JFrame and GridBagLayout.

### Chinese Checkers

October 2015 - February 2016

*Java App built independently alongside Data Structures course*

- Manipulates a self-made hexagonal lattice data structure represented by a cube-coordinate graph.
- Ability to play CPU player run by greedy move search algorithm.

## EXPERIENCE

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### Software Development Intern

May 2018 - August 2018

*Capital One*

- Developed iOS app Approver in Swift that aids Capital One management with approving/denying software access requests in order to expedite the onboarding process.
- Worked closely with other designers and developers to produce a simple and interactive user experience while preserving ample functionality from similar web applications.
- Operated within a large network of APIs (internal), Libraries (Pop, Alamofire, SwiftyJSON), and regulations.

### Student Web Developer

May 2017 - May 2018

*UW-Madison Space Science and Engineering Center*

- Developed Wordpress theme used on [venus.wisc.edu](http://venus.wisc.edu) for the UW-Madison Akatsuki science team as the sole front-end developer. Theme created using HTML/CSS, JavaScript, PHP (Twig, Timber).
- Streamlined news updates such that non-developers can add events and news to the website.

### IT Tech Specialist

August 2016 - current

*StudentPrint*

- Lead multiple projects as liaison between business and tech, including redesigning website [stuprint.org](http://stuprint.org), automating employee scheduling (current), and purchasing/deploying various new machines.
- Accountable for maintaining office of computers and printers while ensuring high file-system availability alongside University IT Department.

## LANGUAGES

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### Proficient

Java, Python, Swift

### Familiar

C++, C, R, HTML/CSS, JavaScript (Node.js, Electron), PHP (Twig, Timber)