NOAH HASELOW

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EDUCATION

University of Wisconsin - Madison   September 2015 - current
Computer Science & Mathematics
Relevant Coursework:
  · Data Structures, Algorithms, Database Management Systems (current), Combinatorics
  · Human Computer Interaction, Stochastic Processes (current), Machine Organization
GPA: 3.74

UW Sports Analytics Club - Lead Software Developer   December 2016 - current
  · Managing & working with group of developers on projects for a new club involving advanced stats in sports.
  · Projects include designing & maintaining sportsanalysiswisconsin.org, and NBA Web Data Scraper.

PROJECTS

NBA Web Data Scraper   February 2017 - May 2017
Script for project involving predicting NBA games

  · 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 (24 hrs) to aid fitting predictive regression model.

Matrix Calculator   March 2016 - August 2016
Calculator made to streamline Linear Algebra coursework

  · 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   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 used to
    keep record of the game board.
  · Ability to play CPU player run by greedy move search algorithm.

EXPERIENCE

Student Web Developer   May 2017 - current
UW-Madison Space Science and Engineering Center

  · Developed Wordpress theme used on 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

  · Accountable for maintaining office of computers and printers while ensuring high file-system availability
    alongside University IT Department.

LANGUAGES

Proficient	Java, Python
Familiar	C++, C, R, HTML/CSS, JavaScript, PHP (Twig, Timber)