

Permanent Address:

1449 Cardinal Lane  
Green Bay, WI, 54313

# Jordan Bain

bain3@wisc.edu | (920) 217-1105  
<https://www.linkedin.com/in/bain3/>

Current Address:

650 Elm Drive  
Madison, WI, 53706

## EDUCATION

---

### University of Wisconsin – Madison

Bachelor of Science, May 2020

Major in Computer Science and Philosophy

GPA: 4.0/4.0

## HONORS

---

Member of L&S Honors College

Dean's List (Four Semesters)

Theodore Herfurth Scholarship Recipient

- **Classes:** Data Structures and Algorithms, Artificial Intelligence, Cryptography, Virtual Reality

## SKILLS

---

- **Languages:** *Fluent:* Java, Python, Javascript, PHP, HTML, CSS, SQL | *Some Experience:* C, C++, C#
- **Frameworks/Tools:** Git, JQuery, Node.js, React, JSON, Laravel, CakePHP, Wordpress, .NET, MySQL, Teradata
- **Operating Systems:** Linux (Ubuntu, Fedora), Windows, OSX, ChromeOS

## DEVELOPMENT EXPERIENCE

---

### Full-Stack Web Application Developer

University of Wisconsin – Madison Division of Housing

Sept 2017 – Present (Seasonal)

- Built and maintained several interactive web applications using REST/HTTP APIs, Javascript, PHP, and SQL
- Consolidated developers' time by implementing Git with a push-to-deploy workflow for fourteen web applications
- Improving usability, reliability, and reporting within housing's event management system using Node.js and React

### Software Engineering Intern

Express Scripts Holding Company

May 2017 – August 2018 (Seasonal)

- Directed the upgrade of our team's SQL and web servers, which required me to analyze then modify C#/.NET MVC code, SSIS data migration jobs, and T-SQL stored procedures for 16 data analytics applications
- Evaluated our team's policies to protect millions of patients' data by assessing our compliance with corporate and government regulations, then establishing an automated auditing process using SQL within our data warehouse
- Presented to department leaders and communicated to our development team how the transition from a waterfall to agile development methodology would impact our workflow, save time, and improve application outcomes

## LEADERSHIP & CAMPUS INVOLVEMENT

---

### Artificial Intelligence Engineer and Student Engagement Executive

Artificial Intelligence Club at the University of Wisconsin – Madison

Sept 2017 – Present

- Implementing stock prediction with vector autoregressive (VAR) models and digit recognition with Tensorflow
- Revitalized communications and student engagement by clarifying documentation and planning creative events

### House Fellow (Resident Assistant)

University of Wisconsin – Madison Division of Housing

Sept 2018 – Present

- Promoting the safety, well-being, and success of 70 students through active engagement and leadership by example

### Computer Science Tutor

University of Wisconsin – Madison Department of Computer Science

Sept 2017 – May 2018

- Guided incoming computer science students towards solutions on class problems in Python and Java
- Sought to make computer science more accessible and inclusive for new and/or underrepresented students