

Levi Blankenheim

(414) 943-1015 | Blankenhld04@uww.edu
LeviBlankenheim.com | linkedin.com/in/LeviBlankenheim

Education

University of Wisconsin-Whitewater (**Expected Graduation: May 2024**)

Bachelor of Science

Major: Computer Science

Minor: Psychology

Experience

Westbend Mutual Insurance, Madison, WI (**May 2023 - Present**)

Software Developer Intern

- Formed a new application feature to remove the need for third-party software
 - Created and hit API endpoints through Azure
 - Modernized low-level rules for a more streamlined flow
 - Unit and manual tests for quality assurance
 - Worked with team members in a scrum environment
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Courses

- Software Engineering (476)
 - Theory of Algorithms (433)
 - Embedded Systems (412)
 - Database Management (366)
 - Digital Forensics (342)
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Skills

Main: C#, Python, Java

Front-end: HTML5, CSS, JavaScript, ReactJS, TypeScript, Ionic

Database: MySQL, PostgreSQL

Other: PHP, Azure, Arduino, Linux

Honors

International Kiwanis Award for Computer Science (**June 2020**)

Projects

School:

- **Database Project:**

With the help of a partner, we created a database in MySQL for use in Java-based software where users can choose between available cars and add/remove/update their shopping cart. Users can also preview an image of each vehicle (Bing Image Search API). Functionality also includes comparing cars inside their cart.

- **Embedded Systems:**

I used two Arduinos communicating through I2C to develop a motion-activated timer. Lights/speakers on the device would alert the user when the timer starts/stops.

Freelance:

- **Portfolio:**

I created a website with open-source code from GitHub to use as my portfolio (see header for website).

- **Gym Statistics:**

I created a Python script to take information from my university's live facility count site and store it to be later graphed (more information/live statistics are available on my website).