

# AUSTIN FISK

[Http://pages.cs.wisc.edu/~fisk/](http://pages.cs.wisc.edu/~fisk/) | 608-393-5902 | [fiskaustin.af@gmail.com](mailto:fiskaustin.af@gmail.com)

## Education and Training

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University of Wisconsin - Madison — Madison, WI, USA

Bachelor of Science in Computer Science Graduated: May 2018

University of Wisconsin Baraboo/Sauk County — Baraboo, Wisconsin, USA

September 2013 - December 2015

## Overview

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- <https://pages.cs.wisc.edu/~fisk/> : Automated Chicken Door, Addressable Motorcycle Headlights, Touch Painting, Thermostat, Crowd Gate Circuit
- **Test Automation:** Client and Internal DAI and Eggplant Functional Automations, Client Support, Client Training, Employee Training, Best Practices Training

## Experience

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### Embedded Software Engineer

Jan 2021 to Current

Reconyx — Verona, WI

Developed embedded C code for the system UI that built upon the iCatch V37 Image processor. Worked on persisting and loading user configuration settings. Employed I2C communication protocols for communications between the House Keeper and the Image Processor chip as well as various other devices.

### Test Automation Developer

Jan 2019 to Current

MCANTA — Madison, WI

Created Test Automation demos to present to customers. Supported customers and fellow employees in their automation development processes. Developed and maintained documentation for automation best practices.

### Network Services Student

Jun 2017 to May 2018

DoIT (Division of Information Technologies) — Madison, WI

### Math Tutor

Mar 2014 to Dec 2015

University of Wisconsin - Baraboo/Sauk County — Baraboo, WI

### Soldering Specialist

Nov 2013 to Jan 2015

Private Contracting — Madison, WI

## Skills

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- **Certifications:** ISTQB Foundation Level 1 | Eggplant: Functional Expert, Functional Genius, AI Genius, Monitoring Insights Expert, Monitoring Insights Genius | Qentinel Pace: Foundation, Advanced
- **Programming Languages:** Python, Java, Visual Basic, Assembly, C, HTML, JavaScript, CSS, SenseTalk, PaceWords
- **Object Detection:** YOLO V3 & V5 Object Detection, Google Vision, Azure Vision API, Firebase Queries
- **Optimization/Speed:** Multi Thread on Embedded Systems, Bus Traffic Configuration, Power Saving, Interrupts, Measuring Speed with Oscilloscope
- **Failure Evaluation:** Photo Metadata, Firebase Queries
- **User Interface Design:** UI Mock Up, UI Design, Persisting Options
- **Hardware Skills:** Oscilloscope Debugging, Simple Circuit Design