Tyler O'Hare

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EDUCATION

Iowa State University August 2018 - May 2022
Bachelor of Science in Cyber Security Engineering GPA: 3.39
- **Dean's List:** Spring 2020, Spring 2021, Spring 2022

SKILLS

- **Front End:** HTML/CSS, Javascript, React, Figma, Photoshop
- **Back End:** Java, Python, Nodejs, C/C++, R, SQL, MongoDB
- **Security:** Penetration Testing, Cryptography, Wireless and Cellular Networks, Operating Systems
- **Communication:** English (Fluent), Japanese (Intermediate)

PROJECTS

Portfolio Website *Demo* | *Code*
- Responsive personal portfolio website built with HTML, CSS, and Javascript.
- **RESULT:** An interactive, responsive website to host resources for current and past projects.

Note Fly *Demo* | *Code*
- Frontend Note taking application that allows users to quickly create and manage notes on the fly. Built using HTML, CSS and React.
- **RESULT:** An effective way for users to keep track of their notes within a simple and intuitive UI.

Finance Tracker *Demo* | *Code*
- React web application that allows users to analyze their finances in an intuitive UI. This project was built using HTML, CSS and React.
- **RESULT:** Users receive a breakdown of their finances without having to do the work themselves.

Login API *Code*
- Rest API code for login and register functionality for backend system for applications. Built using Nodejs and Express.
- **RESULT:** Efficient and secure code for quickly implementing login systems in applications.

Mobile Habit Tracking Application *Code*
- A mobile Android application developed using Java, SQL, Git, and Spring Boot API using agile development methodology.
- **RESULT:** Mobile android application that successfully tracks and manages users' habits on an external Linux server.

Instructional Dashboard for Learning Networks *Demo* | *Code*
- Year long project built by a team of 7 developers. Web application built with R, Shiny, visNetwork, and SQL utilizing agile + waterfall hybrid methodology.
- **RESULT:** An informative dashboard that provides valuable statistical classroom insights for instructors. Received a funding grant for continued development at Iowa State University.

Siren Expert Advisor *Code*
- An automated Expert Advisor coded in MQL4 that executes trades in the foreign exchange market by identifying price patterns and utilizing professional risk management techniques.
- **RESULT:** An Expert Advisor that can execute trades safely and reliably in a live market environment.

PROFESSIONAL EXPERIENCE

Iowa State Academic Success Center Iowa State University
Tutor January 2020 – May 2020
- Applied technical communication skills to effectively teach object-oriented programming in Java.
- Clarified and reviewed concepts taught in class to solve specific problems.
- Facilitated frequent meetings leading groups of 3 to 5 students.