



TRISTAN LALOR

D E V E L O P E R

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github.com/tristanlalor

EDUCATION

B.S. Data Analytics / Finance
University of Vermont
Graduated May 2020

Cumulative GPA: 3.72
Computer Science GPA: 4.0
Finance GPA: 4.0

PROFILE

From the moment I produced "Hello World" in the console of my first application, I knew I was hooked into the world of software development. But software has never been "just a job" for me, it's offered an engaging challenge to continually learn and improve my skills in creating high-quality software. What started with a simple "Hello World" has become a full-fledged passion that only gets more exciting as the years go by.

PROJECTS

FINANCIAL MODELING WEB APP

tristanlalor.com/modeling

React / Javascript / HTML / CSS / Rails

This application allows users to upload companies' historical financial statements and automates industry standard projection methodologies to forecast financial performance and output a discounted cash flow valuation.

LANDLORD RATING WEB APP

llhive.com

Javascript / HTML / CSS / Rails

Inspired by 'RateMyProfessors.com', Landlord Hive is an application that allows tenants to rate their landlords on their communication skills, organization, and ability to resolve issues. The site uses a custom search algorithm that builds SQL queries from users' input to return results from the database.

INTELLIGENT BATTLESHIP

tristanlalor.com/battleship

Java, JavaFX

Intelligent Battleship is a self-contained object-oriented application for Mac OS written in pure Java. The game AI uses optimal strategies to sink ships and moves systematically to beat the user in as little moves as possible.

EXPERIENCE

DATA ANALYTICS INTERN

Summer 2019

VCS Corporate Headquarters, Manchester, Vermont

- Designed and implemented a relational database using Python and SQL.
- Analyzed marketing data to provide performance recommendations.
- Created a forecasting model to modify projected earnings.

TEACHING ASSISTANT

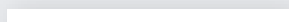
Aug 2019 – May 2020

UVM MBA Program, Burlington, Vermont

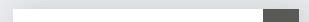
- Tutor MBA students on advanced valuation, statistical, and mathematical concepts.

EXPERTISE

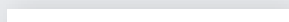
React



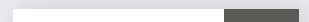
Java



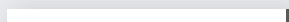
Javascript



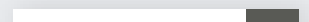
Ruby on Rails



SQL



Python



HTML, CSS

