

# TRISTAN LALOR

DEVELOPER

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tristanlalom.com



linkedin.com/in/tristanlalom



github.com/tristanlalom

## 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

### MODELIA

Javascript / Node / Express / MongoDB

Modelia is an advanced financial modeling platform that allows users to retrieve financial data, statistics, and analyses of companies and securities of their choosing. Users can create an account to save models to their profile and view them cross-device. Data is pulled from the FMP API.

modelia.co

github.com/tristanlalom/modelia

### LANDLORD HIVE

Javascript / Ruby on Rails / PostgreSQL

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.

llhive.com

github.com/tristanlalom/llhive

### INTELLIGENT 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.

tristanlalom.com/battleship

github.com/tristanlalom/battleship

## EXPERIENCE

### DATA ANALYTICS INTERN

VCS Corporate Headquarters, Manchester, Vermont

Summer 2019

- 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

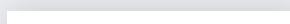
UVM MBA Program, Burlington, Vermont

Aug 2019 - May 2020

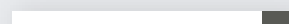
- Tutor MBA students on advanced valuation, statistical, and mathematical concepts.

## EXPERTISE

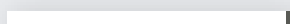
Javascript



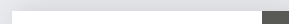
Java



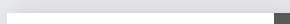
SQL



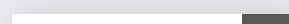
Python



HTML, CSS



Ruby on Rails



Node.js

