TRISTAN LALOR

DEVELOPER

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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 — *modelia.co* / *github.com/tristanlalor/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.

LANDLORD HIVE — *llhive.com* / *github.com/tristanlalor/llhive*
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.

INTELLIGENT BATTLESHIP — *tristanlalor.com/battleship* / *github.com/tristanlalor/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

Javascript		Java	
SQL		Python	
HTML, CSS		Node.js	
Ruby on Rails			