

# ALEX PARISEAU

BACK END  
SOFTWARE  
ENGINEER

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in alexander-pariseau

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*Software developer with an educational background in modeling, data science and analytics, and a passion in figuring out how things tick. Looking to use the insights gained from figuring out the problem to better craft tools for the solution.*

## Skills

### PROGRAMMING LANGUAGES

Ruby

Python

SQL

Java

### APPLICATION FRAMEWORKS

Rails

Sinatra

Flask

GraphQL

### DATA VISUALIZATION TOOLS

Seaborn

Tableau

Matplotlib

## Education

### University of Texas

BA - Economics, History

Learned how to build a variety of in-depth economic models, such as decision tree models that can be used in conjunction with game theory, and how the heuristics of behavioral economics can influence decision making models.

### University of Denver

MBA - Business Intelligence & Analytics

Gained experience working in high-functioning teams, became familiar with database architecture and the ETL process, as well as data visualization tools and techniques. Interacted with local companies to help them solve problems and better understand their business practices.

### Turing School of Software & Design

Back End Software Engineering Certificate

Utilizing test driven development and Agile methodologies, picked up programming and software development experience from projects such as recreating simple games, creating and consuming APIs, to working on pre-existing codebases and handling tech debt.

## Projects

### REPresent

represent-application.herokuapp.com

Application to allow voters better information on how their congressional representatives voted, and be able to compare and contrast their own opinions. Encompassed all the members of both the Senate and House of Representatives, as well as all the bills that were voted on throughout the 117th United States Congress. Won Turing's student demo competition.

### To the Moon and Back

to-the-moon-and-back.netlify.app

An interactive educational app designed to allow students to explore the solar system and learn more about different aspects of the sun, moon and each of the planets. Shows users different aspects of the journey, from how their weight would change in the different gravities, as well as how long travel would take based off of current orbital positions.

## Professional Experience

### Uber

Denver, CO

Independent Contractor

Escorted customers to their destinations of choice in a calm, courteous and professional manner, while creating and maintaining a personal schedule in order to keep reliable and responsible.

### Baker Hughes

The Woodlands, TX

Mechanical Engineering Intern

Assisted with the engineering database, helping to transform paper blueprints into 3D models using CAD software, helping to bring legacy archives up to date in order to be more easily accessible.

### LeapFrog Enterprises

Emeryville, CA

Programming Intern

Performed quality assurance testing, becoming familiar with error reproduction and locating the sources of errors using a variety of debugging tools, as well as getting some early software programming experience.