

# Michael Loudon

Seattle WA

98108

<https://micloudon.github.io/portfolioFinal/>

## Projects:

**Portfolio:** <https://micloudon.github.io/portfolioFinal/>

**Car Finder:** <https://find-car.netlify.app/>

Find cars by model, make, year or id. This project is made using React and allows the user to search through a database of over 6000 cars. It works in tandem with my other project below

Code Repo: <https://github.com/micloudon/display-car-api>

### Car Finder Api:

<https://pacific-taiga-60618.herokuapp.com/api/ford>

A Restful API that serves car data in the form of JSON objects to my Car Finder project. This project is made using Python's Django web framework

Code Repo: <https://github.com/micloudon/carApi>

### Avoid Flying Shapes Game:

<https://micloudon.github.io/flyingStuffGame/>

In this game the user moves a red circle with the mouse and attempts to avoid the flying shapes. The longer the user lasts the higher their score.

This game is built using Canvas which works with both HTML and JavaScript

Code Repo: <https://github.com/micloudon/flyingStuffGame>

### Financial Api:

<https://micloudon.github.io/FinancialApi-/index.html>

This project uses an api to collect data on Stock and Crypto prices for a selected date. It is a responsive mobile friendly site.

Code Repo: <https://github.com/micloudon/FinancialApi->

### Tetris:

<https://micloudon.github.io/Tetris/>

A Tetris game made with JavaScript, HTML and CSS, complete with music and sound effects.

Code Repo: <https://github.com/micloudon/Tetris>

### Other projects:

<https://github.com/micloudon>

## SKILLS

Python

JavaScript

Java

Html

CSS

AWS

Git

Linux

Docker

Mysql

React

Django

CICD/ Jenkins

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## Education

### Per Scholas:

(Intensive bootcamp)

02/2021- 05/2021

Application Development  
Manager

### Amazon Web Services:

AWS Certified Cloud Practitioner

01/2021 [Credential](#)

### Seattle Central College:

09/2015- 06/2017

### Computer Science:

3.5 GPA

Member of Phi Theta Kappa honor  
society

## Experience

### **Facebook Reality Labs via Qanalysts - Data Collection Technician: Redmond WA**

February 2021 - August 2021

Ran Provisioning scripts using Linux Command Line and Microsoft Powershell

Worked on the Os level in Windows and Linux(Fedora)

Wrote .sh scripts

Troubleshoot research equipment

Collected data using various different types of research equipment

Employed agile thinking, to meet complicated and quickly changing objectives

Worked with inventory tracking and logistics for research equipment delivery

Performed admin tasks using spreadsheets, google docs and internal corporate systems.

### **BuddyTree - Systems Engineer: Remote**

February 2021 - August 2021

Implemented AWS architectural solutions

Deployed Containerized applications to the cloud

Set up continuous integration/ deployment pipelines

Contributed to Frontend project (coded in React and NextJs)

Worked with Git and Github

Initialized Docker containers

Tested code for bugs and debugged broken code

Used Api's to collect external data

Load Tested our System

## References

**Andrew Bierbaum: Data Engineer**

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**Chris Kujawa: Computer Science instructor**

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**Tom Dowdel: Senior Software Engineer** Tomxcat.r1@gmail.com

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