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| POrter Moody  7193385009  porterbmoody@gmail.com |
| Software engineer. Willing and ready to learn, adapt to, and implement new tools and technologies. |

# Projects

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| Solar panel Full stack website  * Created React.js, html, css frontend for smooth user interaction * Python Django backend, created routes and views for the rest api to handle different client requests * Integrated AWS MySQL relational database. Django, react, nextjs, |
| Solar panel machine learning image detection projcet  * Wrote python algorithm that automatically detects coordinates of rooftop images and labels rectangular grid of solar panels in feasible locations for users to select. * Wrote flask interactive gui app for manual data labeling and storage of rooftop boundary locations for convolutional neural network training * Used PIL (python image library), tensorflow, flask, shapely  Python object oriented csv parsing system  * Wrote python object oriented system to parse and format complex csv files into a clean, single format for database storage. Pandas, numpy, re, datetime  Facebook marketplace webscraping and storage app  * Automatically webscrapes facebook marketplace listing data and filters on certain conditions. Then notifies user’s phone with text from twilio api. |

# Education

## data science bachelors, Math minor, Brigham Young University-Idaho

* Emphasis in machine learning and software engineering
* GPA: 3.7

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# Skills

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| * Python, c#, c++ * React, next.js, Javascript, html, css | * Docker, AWS, Google Cloud Platform * SQL, SQLlite |

# soft skills

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| * Willing to learn and adapt to new technologies * Willing to get tasks done to fulfill deadlines | * Able to problem solve complex problems with unique or creative approaches * Willing to communicate |