

Michael Ingram

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Experience:

Data Analyst

August 2020-January 2021

T Carta Marine, Denver Colorado

- Space based laser (IceSat-2) data acquisition of shallow water bathymetry as well as 3-d point cloud editing of satellite derived bathymetric surfaces
- Marketing analytics with Google Analytics including natural language processing works on emails for ad words. Saved the company thousands of dollars finding ads that were targeted in countries where they do not operate.
- Wrote Python scripts to automate the workflow for the point cloud editing team such as a script that connected to an API to download tidal information from NOAA

Statistical Consultant

Denver Museum of Nature and Science

- Consulting work for the museum's taste genetics labs where data from experiments was analyzed and results were published in the May 2021 issue of the scientific journal: Food Quality and Preference titled: *Factors affecting detection of bimodal sour-savory mixture and interindividual umami taste perception*

Projects:

Master's Thesis: Classifying Fox and CNN political articles using Random Forest and Natural Language Processing

- Web scraped 10 articles from each source per day for a month and then used classification algorithms to classify the articles to their source in python.

Full Stack Website: Promotional Website for local band to get booked

- Developed a full stack website using HTML, CSS, Bootstrap, JavaScript, Node/Express that includes a SoundCloud player of the band's music and a contact form to email the band about bookings using NodeMailer. Also created the band's logo in adobe illustrator.

Final Skill Distillery Group Project:

- Blah blah blah project details

Midterm Skill Distillery Group Project:

- Blah blah blah project details

Education:

Master of Science, Statistics

University of Colorado, Denver

August 2018 - May 2020

Bachelor of Science, Statistics

Colorado State University, Fort Collins, CO

August 2012 - August 2017

Skill Distillery-Full Stack Java Development Bootcamp

April 2021-August 2021

Skills:

Languages: Java, Scala, Python, JavaScript

Frameworks: BootStrap, Angular, React, Spring/Spring Boot, Node/Express,

SQL Databases: MySQL, NoSQL: MongoDB

Data Analysis: R, Python, Apache Spark, Excel

Other: Git/Github, Test Driven Development, Bash Scripting, Agile/ Scrum, Pair Programming, Maven, Gradle, JUnit, Restful-API, AWS-EC2, Heroku, MongoDB Atlas, Adobe Illustrator