

Anthony S. Gray

Phone: 410-212-3206

Email: antgray89@gmail.com

Github: github.com/asgray

Location: Renton, WA

PROJECTS

DevRoast

Technologies: Django | Docker | PostgreSQL | React.js | AWS | GitHub Projects

- Work with a team to build a web application for feedback on coding projects.
- Contributed to data modeling, front-end design, and DevOps aspects of the project.

OptimalPack

Technologies: Flask | MySQL | React.js

- Designed a database for planning the logistics of backpacking trips.
- A front-end web application allows users to access the database and plan specific itineraries.

Information Content of Meta'omic Data

Technologies: Python | Pandas | Scikit-Learn | Google Cloud | Jupyter Notebooks

- Wrote a series of scripts to assemble and analyze a Crohn's Disease metagenome dataset.
- Classified disease/control samples based on protein family composition.

Analysis and Visualization of GEO GSE28521

Technologies: R | NCBI

- Visualized differential RNA expression between autistic and control brain tissue samples.
- GSE28521 is a dataset containing microarray data from autistic and control brain tissue.

EDUCATION

Master of Science in Bioinformatics

Johns Hopkins University

GPA: 4.0

December 2019

Bachelor of Arts in Biology and Anthropology

Bard College at Simon's Rock

May 2011

EMPLOYMENT HISTORY

Sales Associate at REI: ----- 4/2016 – Present

- Provide customer service, organize merchandise, and handle cash in a retail setting.

Hiker on the Appalachian Trail: ----- 6/2015 – 12/2015

Litigation Paralegal at The Law Offices of Peter T. Nicholl: ----- 10/2013 – 5/2015

- Interviewed clients and provided clerical support to a team of attorneys and senior paralegals.