

Eleonor Bart

Software Developer

Elkton, MD 21921

443-841-6721 • <https://elbell.github.io/> • eleonorbart@gmail.com

CAREER SUMMARY

Highly motivated Software Developer with experience in data analytics and a passion for full stack development. A detailed oriented professional who thrives in fast-paced, intensive, research focused environments. Excellent communicator, skilled at presenting and conveying complex, domain-specific information to team members in easy to understand terms.

RELEVANT SKILLS

Languages: Java, Python, JavaScript, R
Frameworks: React, Angular, Spring, Django

Other: Git, MySQL, Agile, ScrumMaster,
Hibernate, Postgres, Solidity, Blockchain

PROFESSIONAL EXPERIENCE

ZIP CODE WILMINGTON, Wilmington, DE

February 2019 - present

Student Software Developer

Completing over 800 hours of software development projects and training in an immersive program. Selected from over 350 applicants for admission in a class of 40 students. Working 80+ hours per week to gain experience in Java

Development Projects:

- **Casino App**
Served as scrum master for a team of five in planning and developing a Java-based casino app.
- **Cocktail Compendium App**
Created an app for searching and tracking cocktails. Utilized a MySQL database with a Spring Boot framework and a React frontend.
- **Choose Your Adventure**
Developed a Django app for hosting and running text-based adventures that are written in Python. Uses Brython for running the games and Postgres for saving games.

UNIVERSITY OF DELAWARE, Newark, DE

May 2018 – September 2018

Consulting Data Analyst

Developed a streamlined, reusable bioinformatics pipeline that enabled graduate researchers to analyze a backlog of microbial data and supports ongoing research. This pipeline performs statistical analyses on bacterial and fungal DNA in Qiime 2, R, and JMP.

VIRGINIA TECH, Blacksburg, VA

January 2018 –

July 2018

Development Consultant

Served with a team of instructional designers as a tester, proofer, and designer in creating a scalable, motivating Python curriculum for non-computer science majors. This award-winning curriculum has been used to teach over 1000 students across multiple universities.

VIRGINIA TECH, Blacksburg, VA
May 2017

May 2015 –

Graduate Researcher

A new measurement of feed efficiency was being considered for use as a breeding standard across dairy cows but could not be used until its safety was determined. Conducted and published research on the relationship between reproductive performance and feed efficiency.

EDUCATION

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY, BLACKSBURG, VA
Master of Science in Animal Science, Breeding and Genetics Lab

May 2017

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY, BLACKSBURG, VA
Bachelor of Science in Animal Science

May 2015