

Dean Branaman

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launch_code

SOFTWARE ENGINEER IN Kansas City, KS

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Bringing innovation, analysis, and problem solving into the next stage of my career

LANGUAGES

- C++
- Java
- Python
- JavaScript

FRAMEWORKS

- Node.js
- Spring

DATABASES

- MySQL

TOOLS

- Bootstrap
- Thymeleaf

EDUCATION

LaunchCode, LC101 Programming Course — 2022

Oregon State University, B.S. Computer Science — 2021

Truman State University, B.S. Biology — 2015

PROJECT EXPERIENCE

Brick break AI — Learning to play itself

- Work as a team of two over the course of 3 months
- Developed a brick break game in the Unity engine and utilized machine learning to teach the paddle how to play the game.

WORK EXPERIENCE

Lab Technician II, Ceva Animal Health LLC, Overland Park, KS, Feb 2017 – Present

- Developed the in house media process to address supply shortages. 212 lots were made in the first year.
- Trained a new team of 9 people, including team lead and supervisor, on the operation of 1300L pressure vessels.
- Scheduled weekly deliveries and pickups with our warehouse to ensure supplies and transportation for 6 media runs a week.
- Awarded the Circle of Excellence in 2021 for work on the in house media process.

Lab Technician I, Albaugh LLC, Saint Joseph, MO, Sep 2015 – Feb 2017

- Performed QC testing on 60+ daily samples including HPLC analysis, weighing, specific density, pH, and FTIR analysis.
- Personally responsible for maintenance of the lab's reverse osmosis system and the weekly testing of the plants reverse osmosis and waste water systems.