

Daniel Healey

danielhealey02@gmail.com

EDUCATION

BROWN UNIVERSITY

Applied Mathematics - Computer Science (Sc. B)

Providence, RI

September 2021–present

PROFESSIONAL EXPERIENCE

DEXER

Software Engineering Intern

Kansas City, MO

June 2022–present

Developed user-facing changes to the company web application in React.js.

Wrote an automated testing suite for regression testing using Cypress.

Participated remotely in daily standups and the agile software development process.

FULLSTACK @ BROWN

Frontend Developer

Providence, RI

September 2021–present

Collaborated with teams of other developers on software projects that benefit university groups.

EASTBANC TECHNOLOGIES

Software Engineering Intern

Washington, DC

June 2021–August 2021

Created static websites which served as instructions for use of two company products.

Automated deployment of websites using Docker and GitHub Actions.

ASPIRING SCIENTIST SUMMER INTERNSHIP PROGRAM

Research Intern

Fairfax, VA

June 2022–present

Worked with a team of other interns researching the applications of natural language processing to plagiarism detection in written works.

The team's research was published in George Mason University's Journal of Student-Scientists' Research.

PROJECTS

QUALITY CONTROL OF PLANT CELL IMAGES

Worked with a team to create a convolutional neural network model to classify plant cell images based on image quality with high accuracy.

Work was detailed in a research paper and a presentation at a university symposium.

PEST DETECTION SOFTWARE

Created software to help homeowners lay effective traps for household pests using OpenCV for computer vision.

SKILLS

Python

Java

Git/GitHub

Docker

SQL

OpenCV

React.js

Numpy

Pandas

Selenium

HTML/CSS/JS

Cypress.io