Daniel Healey

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EDUCATION

BROWN UNIVERSITY **Providence, RI**
Applied Mathematics - Computer Science (Sc. B) *September 2021–present*

PROFESSIONAL EXPERIENCE

DEXER **Kansas City, MO**
Software Engineering Intern *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 **Providence, RI**
Frontend Developer *September 2021–present*

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

EASTBANC TECHNOLOGIES **Washington, DC**
Software Engineering Intern *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.

Created a power app to view intra-company teams using Microsoft Power Apps.

GEORGE MASON UNIVERSITY **Fairfax, VA**
Research Intern *June 2020–August 2020*

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 computer vision.

SKILLS

| Python | Git/GitHub | SQL | React.js | Pandas | HTML/CSS/JS |
| Java | Docker | OpenCV | Numpy | Selenium | Cypress.io |