

# Kimberly Brown

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## EDUCATION

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- **Brown University**, Providence, RI.  
Sc.B. Candidate in Computer Science.  
Class of 2021. GPA 3.87/4.0.  
*Recent Coursework:* Deep Learning, Software Security & Exploitation, Web Technologies, Computer Systems, Artificial Intelligence, UI/UX, Probability and Statistics, Linear Algebra.

## SKILLS

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- Python (*advanced*)
- PHP (*proficient*)
- C (*proficient*)
- HTML/CSS (*advanced*)
- Golang (*proficient*)
- Java (*proficient*)

## EXPERIENCE

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- **CrowdStrike**  
*Software Engineer Intern.*  
June 2020–Aug. 2020  
Worked on the Engine and Content Development-Cloud Team to develop Golang and Scala software in a multi-cloud, distributed environment. Modified API endpoints and response data, and created logs used as metrics.
- **Brown University**  
*Instructional Design Assistant.*  
Feb. 2019–Aug. 2020  
Performed online course maintenance on a case-by-case basis, including programming JS tools, writing CSS/HTML, and doing quality control.
- **Brown University Dining Services**  
*Supervisor.*  
Jan. 2018–Dec. 2019  
Managed a team of roughly eight people. Trained new employees and ensured compliance with health and safety standards.

## PROJECTS

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- **Dec. 2020:** For a group project, built an RNN in TensorFlow that trained on Bach and can compose classical music: [github.com/kimberly-brown/bach\\_propagation](https://github.com/kimberly-brown/bach_propagation)
- **Apr. 2020:** Created a web app using Laravel and MySQL that leverages the Edamam API to create meal plans and grocery lists for users based on their favorite foods and dietary restrictions.
- **Nov. 2019:** Implemented malloc, realloc, and free in C for a class project.
- **Oct. 2019:** Wrote a shell in C that could run programs using multiple processes, handle signals, and excute builtin commands 'cd', 'rm', and 'ln' for a class project.