

Derek Roberts

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Education

BOSTON UNIVERSITY

BA IN COMPUTER SCIENCE

📅 May 2024 📍 Boston, MA

- 3.6 GPA
- Dean's List x4

CHATHAM HIGH SCHOOL

DIPLOMA

📅 June 2020 📍 Chatham, NY

- Distinguished with High Honors & Honors in Science
- National Honor Society

Links

🐙 GitHub **robertsderek**
in LinkedIn **Derek Roberts**

Coursework

UNDERGRADUATE

- Combinatoric Structures
- Data Structures & Object-Oriented Programming
- Computer Systems
- Intro to Algorithms
- Probability in Computing
- Software Engineering
- Intro to Databases

Skills

FRONT-END

HTML5 • CSS • Javascript • ReactJS

BACK-END

Python • C • Java • OCaml • SQL

MISCELLANEOUS

VSCode • Spyder • CLion • Microsoft Office • \LaTeX • Git

Professional Experience

LANDSCAPER

OLD CHATHAM CARETAKING, INC

📅 Summer 2022

📍 Old Chatham, NY

- Performed upkeep of existing landscaping by mowing, trimming, weeding, and gardening. Completed all jobs within allotted times.

CUSTOMER SERVICE REPRESENTATIVE

BACKWATER BAR & GRILL

📅 Summer 2018 – Summer 2020

📍 Canaan, NY

- Utilized interpersonal skills to maximize the experience of customers.

Competitions

BOSTONHACKS 2021

📅 Nov 2021

📍 Boston, MA

- This was my first Hackathon experience. Together my two teammates and I produced an advanced reminder and list website. I worked in python to create speech-to-text functions within the website.

HACKHARVARD 2022

📅 Oct 2022

📍 Cambridge, MA

- I worked on a solo project at this hackathon. I primarily used Python, pygames, and GitHub to create an AI Connect Four game. In addition to being able to play with a friend, there was an AI with 3 difficulty settings.

Extracurriculars

UPSILON PI EPSILON

📅 Sep 2022 – Present

📍 Boston, MA

- A member of the Boston University chapter of Upsilon Pi Epsilon. UPE is the international honor society for the computing and information disciplines.

COMPUTER SCIENCE TECHNICAL INTERVIEW PREPARATION CLUB

📅 Sep 2021 – Present

📍 Boston, MA

- A member of CSTIP, which focuses on the both technical and non-technical aspects of preparing for an interview in the field of computer science.

BOSTON UNIVERSITY JIU-JITSU

📅 Sep 2021 – Present

📍 Boston, MA

- A member of Boston University Jiu-Jitsu. The club attends competitions and focuses on strengthening the mind and body while building skills and discipline.

Projects

RESUME WEBSITE

robertsderek.github.io/resume

AI CONNECT FOUR

github.com/robertsderek/connect_four

ZOOM CLONE

github.com/robertsderek/zoom_clone

FLASK SQL PHOTO SHARE WEB

APPLICATION

github.com/robertsderek/PhotoShare

LANGUAGE INTERPRETER

github.com/robertsderek/CS320_language_interpreter