

Aiden Fockens

Senior Computer Science Major and Data Science Minor at Boston University

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PROFESSIONAL SUMMARY

Aspiring cloud computing and machine learning professional with hands-on experience in backend development and data science.

EDUCATION

BA in Computer Science, Minor in Data Science at Boston University

Expected Graduation: January 2025

- GPA: 3.65
- Achievements: Member of UPE (BU's Computer Science honor society), six semesters on Dean's List, National Merit Scholarship
- Hack4Impact: Member of the Software Engineering team

WORK EXPERIENCE

Tech Instructor Intern at Lavner Education

Summer 2024

- Led engaging tech sessions for 12+ students aged 12-14, covering machine learning, coding, and tech startups

Teaching Assistant at Boston University

January 2023 - Present

- Taught web development, probability, and linear algebra to over 30 students in discussion sections
- Provided tutoring for students through weekly office hours, supporting learning and academic success

PROJECTS

Rock Climbing Route Predictor

July 2024 - Present

- Implemented computer vision to analyze videos, identifying key features for rock climbing moves
- Developed a neural network model to predict next moves and created a web app for user input

STD Prevention Application using React and Node/Express

February 2024 - May 2024

- Designed and implemented a full-stack app with interactive UI for STD symptom tracking and hospital location mapping

Facial Recognition with Keras

March 2023 - May 2023

- Trained models to detect age, race, and gender; compared transfer learning, fresh models, and pre-trained models for optimized results

SKILLS

Programming Languages: Python, JavaScript, Java, Go

Technologies: React/Node, Flask, TensorFlow/Keras, Google Cloud