

Preston Zacha

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EDUCATION

University of Texas at Dallas

Richardson, TX

Bachelor of Science, Computer Science

August 2023

Organizations: Association for Computing Machinery, Artificial Intelligence Society

Relevant Coursework: Data Structures and Algorithms, Algorithm Design and Analysis, Intro. To Machine Learning, Artificial Intelligence, Computer Networks, Database Systems, Systems Programming in UNIX/LINUX, Computer Architecture, Operating System Concepts

Computer Languages and Tools: Java, C, C++, Node.js, CSS, HTML, Python, Git, MongoDB, Firebase, MySQL, SQL, R, Docker, Verilog, LISP, Scikit-learn, Postman, MIPS, Numpy

EXPERIENCE

Canine Innovations

Richardson, TX

Software Engineer Intern

January 2023 - May 2023

- Developed CRUD functions to use with Firebase and MongoDB
- Implemented custom API to communicate with Firebase and custom hardware
- Obtained first hand experience with the SCRUM sprint cycle, and developed professional communication skills

TECHNICAL PROJECTS

[Personal Website](#)

Language Used: HTML, CSS

Spring 2024

- Built a portfolio website from scratch using HTML and CSS.
- Demonstrated ability to create responsive and visually appealing web pages
- Increased proficiency in HTML and CSS for website development

Naive Bayes Machine Learning Model

Language Used: C++

Spring 2023

- Built a Naive Bayes machine learning model from scratch in C++. Used a titanic data set to make predictions on whether a passenger survived or not.

Team Project Chess

Language Used: Java

Fall 2022

- Developed with a team of 5 students local multiplayer chess.
- Managed the team by hosting meetings and weekly status reports.

PROFESSIONAL SUMMARY

My objective is to earn a job after recently graduating. I'm a highly motivated computer scientist with a focus on software engineering. I'm passionate about technology with a knack for finding efficient solutions to coding problems. I am determined to be a top performer and willing to relocate for the right opportunity.