Aidan Perez

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EXPERIENCE

AudiencePoint *(Software Engineer)* | Chattanooga, TN   May 2018 – Jan 2025
- Directed the strategic migration of AudiencePoint's website, transitioning to a contemporary architecture utilizing a React frontend and a .NET 8 Web API backend, deployed on AWS via serverless Fargate instances in Elastic Container Service, significantly enhancing system scalability and performance.
- Spearheaded design and development of machine learning models using Scikit-learn, deployed on AWS SageMaker. Analyzed vast datasets (82 trillion data points) for insights into user behavior, ultimately resulting in a 7x boost in UX and performance.
- Implemented robust unit tests using Microsoft Unit Test in C# to ensure code quality and improve reliability.

Sawtooth Ventures *(Software Developer)* | Remote   Apr 2022 – Aug 2022
- Architected and built a full-stack ranch management tool using React.js (frontend) and Airtable (backend), streamlining operations and delivering a superior customer experience.
- Demonstrated strong collaboration skills, working closely with project managers to effectively set and meet software development milestones.

GoCo Labs *(Software Developer)* | Wenham, MA   Feb 2021 – Apr 2021
- Redesigned Gordon College's events website with React (frontend) and C# (backend) to create more intuitive search and navigation, directly enhancing user experience.
- Developed data visualization tools to improve storytelling capabilities for the 360.gordon.edu website.

EDUCATION

Gordon College | Wenham, MA
Bachelor of Science in Computer Science; Minor in Music   May 2022
Minor in Data Science   May 2023
- Cumulative GPA: 3.42
- Honors: Connect Scholarship 2018; Presidential Honors Fall 2020, Fall 2022; Dean's List Fall 2018, Spring 2022, Spring 2023
- Relevant Courses: Machine Learning, Introduction to Data Science, Statistics in Economics and Business, Mobile Computing, Software Engineering Project II, Internet Programming, Computer Organization, Software Engineering Project I, Database Systems, Models of Computation, Junior Seminar II, Computers and Society, Junior Seminar I, Data Structures and Algorithms, Linear Algebra, Software Systems, Discrete Math, Object-Oriented Software Development, Introduction to Programming, Calculus I
- Athletic Engagement: Rowing Team 2020-2023
- Club Engagement: Gospel Choir 2018-2020; Symphonic Band 2018-2023

OTHER ACTIVITES

Spring into Action *(Software Developer)* | Wenham, MA   Sep 2020 – Mar 2021
- Successfully led the development and launch of a sustainability competition website, utilizing C# (backend) and HTML/JavaScript (frontend).

ADDITIONAL INFORMATION

- **Technologies:** C#, MySQL, React, React Native, Python, Lambda, SQL Server, DynamoDB, HTML, JavaScript, CodePipeline, CloudWatch, R, Java, S3, C++, Git, Kotlin, Swift
- **Certificates:** Google Professional Cybersecurity Certificate (received June 2024)
- **Languages:** English (Native Proficiency), Spanish (Limited Working Proficiency)