

Sebastián Pineda

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OBJECTIVE:

Exploring full time entry-level position in Software Development or Machine Learning.

EDUCATION:

Worcester Polytechnic Institute, 100 Institute Road, Worcester, MA — *Class of 2023*

Bachelor of Science in Computer Science | May 2023

Relevant Courses: Machine Learning, Introduction to Artificial Intelligence, Data Mining & Knowledge Discovery in Databases, Numerical Methods for Differential Equations, Software Engineering, Operating Systems, Foundations of Computer Science

PROJECT WORK:

Major Qualifying Project (MQP), Feature Recognition from Aerial Images Using Machine Learning, DEVCOM-SC | August 2022 – May 2023

- Developed a machine learning software in conjunction with 5 teammates and a faculty advisor that can utilize photo data of a destination's terrain to locally aid military parachute drop-offs without the need for satellite imaging.
- Worked towards a functioning and high quality product with a United States Army DEVCOM-SC sponsor.
- Consolidated a simulation to provide our machine learning algorithm training data into an easy-to-use interface for day to day consumers.

Interactive Qualifying Project (IQP), Attitudes Towards Bitcoin in Iceland | August 2021 – October 2021

- Surveyed populations in Iceland with two teammates about the environmental impacts of cryptocurrency.
- Collaborated with third party international institutions such as the University of Iceland to create educational objectives regarding cryptocurrency in Iceland.
- Coordinated with project advisors to ensure our deliverables were up to desired standards.

Credit Defaulting Prediction with Machine Learning | December 2021

- Developed machine learning algorithms to predict the likelihood of credit card owners to default on their payments.
- Determined which methods were most effective at predicting credit card defaulting.

WORK EXPERIENCE:

The New England Center for Children, Information Technology Intern | 33 Turnpike Rd, Fayville, MA 01772 | June 2021-Aug 2021

- Supported the operations of approximately 200 students and 100 teachers with a team of 6 information technology specialists.
- Helped users with technological difficulties ranging from exterior hardware issues to software troubleshooting.
- Specialized in Linux based environments with experience in scripting in Bash.

SKILLS:

- **Languages:** Spanish
- **Software & Programming Languages:** C, Python, Java, Javascript, HTML/CSS, MATLAB, GitHub, Unix & Linux Environments

CAMPUS ACTIVITIES:

Chapter President , Phi Kappa Theta Fraternity	January 2022 – December 2022
Vice President , Society of Physics Students	January 2021 – December 2021
Chapter Vice President of Finance & Risk , Phi Kappa Theta Fraternity	January 2021 – December 2021
Member , Order of Omega Honor Society	February 2022 – Present
Mentor , First Generation Student Association	August 2022 – Present