

Student Associate Ohio, the United States Au Bon Pain \cdot Worked as a student associate and co-manager at Au Bon Pain. Program Assistant 🗣 lfrane, Morocco Al Akhawayn University in Ifrane Certified program and teaching assistant in the Arabic and North African Studies Program (ARANAS). ■ SELECTED WRITING 1-Jan PORTFOLIO OPTIMIZATION USING DEEP LEARNING FOR THE MOROCCAN Undergraduate Capstone Project \cdot Help investors identify the different market opportunities by creating a model that mainly uses the various principles of deep learning for asset allocation and portfolio Demonstrate how deep learning, compared to other standard methods, can help in identifying and selecting the best assets for a portfolio. · Model that helps guide individual investors as well as fund managers towards the right strategies that will maximize their wealth during periods of uncertainty. ☐ SELECTED ACTIVITIES • Active member at the Office of Multicultural Affairs and Sustainability Club. • Member of Association Savoir et Sport in Casablanca. • Member of Hand in Hand and UNICEF clubs. Member of the Moroccan Association for Computing Machinery. • Active member and coordinator at the Moroccan Association for Human Development • CFA Institute Research Challenge team assistant. 🗠 AWARDS AND HONORS • FY21 Best Performing Employee Award at HPE. • Won the Stonehenge Competition: Best Market-oriented Capstone Project for 2021. • President and Dean list for 8 semesters. • Class of 2021 Valedictorian in SSE. • Excellence Award and merit scholarship holder at Al Akhawayn University in Ifrane.

| • | Ranked 3rd in Girls Code II Competition. | |
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| | Won different contests and Olympiads in Mathematics and Sciences in high school. | |
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