

Rana Hazimeh

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Profile

Recent graduate from the American University of Beirut, with a bachelor's degree in Computer Science and Engineering. Looking to deploy my skills in a professional environment. Quick learner and continuously seeking opportunities to improve.

Education

American University of Beirut, Lebanon BE in Computer Science and Engineering	Sep 2019 - Jun 2023
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Experience

Research Intern, University of Virginia Worked alongside Prof. Sara Riggs on team gaze sharing for an unmanned aerial vehicle (UAV) search task.	May 2022 - Feb 2023
C++ Coding Coach, AUB Coached undergraduate students from different disciplines in the "Data Structures and Algorithms" course.	Jun 2022 - Aug 2022
Python Coding Coach, AUB Coached first-year undergraduate students in the "Introduction to Computation and Programming" course, through in-lab assistance, one-on-one instructions during office hours, and corrected exams and assignments.	Jan 2022 - May 2022

Relevant Projects

Adversarial Robustness, FYP Research Project Implemented successful defenses against adversarial attacks, based on a differential privacy approach, while evaluating them against other state-of-the-art defenses.	Sep 2022 - May 2023
DolliraRate: Exchange Rate Software Developed a currency exchange rate software on different platforms (Frontend using React, Backend using Flask, Desktop application using JavaFX, and Android mobile application).	Feb 2022 - May 2022
Clear-GAN: Cloud Removal in Satellite Imagery Worked on a project that aims to eliminate cloud covers in satellite imagery to provide clearer shots of the underlying landscapes, using Generative Adversarial Networks.	Oct 2021 - Dec 2021
Gaming Framework Implemented two games (Battleships and Shooting Disks) in which users keep track of their progress, using C++ in Qt Creator.	Sep 2021 - Dec 2021
Simplified Python Parser Designed a simplified Python grammar and parser, using ANTLR and Java.	Apr 2021 - May 2021

Relevant Coursework

Data Structures and Algorithms, Linear Algebra, Probability and Random Variables, Design and Analysis of Algorithms, Theory of Computation, Object-Oriented and Effective Java Programing, Programming Language Design & Implementation, Introduction to Machine Learning, Topics in AI, Deep Learning, Operating Systems, Software Tools Lab, Web Mobile & Application Development Lab, Software Engineering, Database Systems, Internetworking Laboratory.

Computer Skills

Languages	C++, Python, Java, SQL, HTML, CSS, JavaScript, Ruby, EmberJS
Software	Matplotlib, Git, Linux, NumPy

Languages

Proficient in English and Arabic