Allen Bridi
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EDUCATION

Middle & High School Notre-Dame de Sainte-Croix (2008 - Present)   **Neuilly-sur-Seine, France**
Specialized in Mathematics, Economics and Social Sciences with Expert Mathematics option
- 11th and 12th grade student representative: class life organization, participation in organization of school festivals.
- Creation of a Tech Club in 11th grade: teaching about programming, web and software development, project management, AI, Tech in general and assisting student projects in this area.
  - Some examples of presentations I gave:
    https://youtube.com/playlist?list=PLAwXpne2r2QmIiOeeFEdfUDZpc49G0Y0J
- Creation of a Programming Club and an Entrepreneurship Club in 12th grade: Supervision and organization of programming lessons (from fundamentals to artificial intelligence); organization of discussions, presentations and debates on entrepreneurship.

ACADEMIC EXPERIENCE

Johns Hopkins University - June-July 2022 (8 weeks)
Introduction to Mathematical Cryptography - Credit course
- Online pre-college program covering Mathematical Cryptography - 4 credits - Grade: A (94.25%).
- Final presentation: Quantum computing and cryptography: https://www.youtube.com/watch?v=VF1ukMl0IHQ
- Wrote cryptography algorithms studied during class in Python: https://github.com/Allenbrd/Cryptography

Inspirit AI - AI Scholar - April-June 2022
- Online class covering AI and Machine Learning with Python.
- Final project: Recognizing emotions with AI - Award of best presentation:
  https://www.allenbridi.com/assets/documents/Emotion%20Detection%20Spring%2011.pdf

Yale University - Oxford Royale Academy - July 2019 (3 weeks)   **New Haven, USA**
Business and Enterprise
- Pre-college program covering the basics of business and entrepreneurship. Certificate of Achievement awarded.
- Final project: Invented a fiberglass wallpaper company that aims to decrease risks of developing cancerous cells by avoiding the use of lead.

Oxford University - Oxford Royale Academy - July 2018 (3 weeks)   **Oxford, UK**
Introduction to Computer Science
- Pre-college program covering an introduction to computer science with Python programming, web design and creation. Certificate of Achievement awarded. Grade: A* (96/100).
- Best performing student despite being the youngest student.

WORK EXPERIENCES

Otto Protocol, Co-Founder & Head of Product (November 2022 - May 2023) - https://www.ottoprotocol.fi
Worked within a team of five people on an algorithmic stablecoin backed by a delta neutral position.
- Pitched our startup at the Techstars Startup Weekend Global, which selected us as a finalist and awarded us the WAGMI prize for the most innovative project.
- Decentralized Finance research and quantitative simulation using Python.
- Developed a full-stack web 3.0 decentralized application interacting with ETH20 smart contracts using NextJS.
- Project management and task planning.
- Financial planning: revenue model, P&L previsions

Afterstream.live, Co-Founder (March 2021 - January 2023) - *www.afterstream.live*
- Project management and product development using the Agile methodology.
- Web marketing and communication: production and editing of youtube videos presenting the platform using Adobe Premiere Pro.
- Web design: UI and UX with Figma.
- Full Stack web development:
  - Project architecture and tech stack choice.
  - Front End development: React JS, NextJS framework and TailwindCSS.
  - Backend development using Golang, PHP and Express JS.
  - Database management with Cassandra DB, MongoDB and MYSQL(phpmyadmin).

Inspirit AI, Ambassador, September-December 2022
- Promoted AI education to my peers and classmates through face-to-face conversations, social media posts, emails.
- Learned about several applications of AI through diverse presentations from AI professionals (AI reliability analysis, AI in physics, …).

CIS Group, Summer Intern, Project management & web development, July - August 2022
Beirut, Lebanon
- Project management: Implemented an e-commerce marketplace in collaboration with an external software company in order to expand the group's distribution channels.
- Frontend web development: React JS, Wordpress, and CSS.
- Examples:
  - https://lab.hiperdist.com/
  - https://halimk10.sg-host.com/
  - Codebase of the globe app on the second example:https://github.com/Allenbrd/React-Globe-CIS

Murex, Intern, IT, June - July 2021   **Paris, France**
- Assets and inventory management.
- Analysis of IT support ticket data to identify areas for improvement using SQL.
- Learned to anticipate possible IT issues in a large and international company.
- Formatting and sorting of used computers in order to send them to students in Lebanon.
- IT support: resolution of technical problems encountered by employees and repair of workstations.

CIS, Summer Intern, Web development, August 2020 - www.groupcis.education   **Beirut, Lebanon**
- Web design and development using Wordpress, PHP, HTML, and CSS.

Medco, Summer Intern, IT and web design, programming, July 2020 - 1 month   **Beirut, Lebanon**
- Formatting, installation, and maintenance of in-store cash register terminals and Fusion automation systems for retail fuel automation in gas stations.
- Web design and programming using HTML, CSS, and JavaScript.

Murex, Observation Intern, Software Development, January 2020   **Paris, France**
- Learned about roles in a software development team.
- Explored programming languages and tools used to produce powerful software in the financial industry.
- Discovered Scrum methodology, the Agile manifesto and how to apply it to a development team with efficiency.

COMMUNITY INVOLVEMENT

Fraternal support project organized by lycee volunteers group, September 2022 - June 2023
- Project of support and cultural exchange with Lebanese students from the Bekaa Valley.
- Established a communication server for a friendly interaction between students of both countries.
- Assembling our ideas in order to write articles on social change and the improvement of society.
- Online cultural exchange through cooking and music.

Running for Lebanon, 2021
- Participation in a fundraising race for schools in Lebanon.

Fundraising for the visually impaired of Ile-de-France, 2020
- Fundraising for the visually impaired in Ile-de-France through Twitch live broadcasts and canvassing in town.

ACHIEVEMENTS, INTERESTS AND SKILLS

- Guitar - Classical & Electric - 3 years of practice
- Krav Maga self-defense - 4 years of practice and training, blue belt
- Weight lifting and fitness - 2 years of practice: overcame obesity and achieved a body transformation by losing 55lbs
- Tennis - 5 years of practice and training
- Soccer - 3 years of practice
- Golfing - 6 years of practice
- Skiing - 9 years of seasonal practice and training - Cortina d'Ampezzo Junior Cup 2015
- Cryptocurrencies trading and market technical analysis
- Programming with Python, Javascript, Golang, and problem solving on Leetcode.com
- Web development: HTML, CSS, PHP, ReactJS, NextJS, ExpressJS
- Twitch live streaming - 2 years
- Content creation and live transmission animation skills using OBS and Adobe Premiere Pro.
- Interface design with Figma
- Graphics and logo design using Adobe Illustrator and Adobe Photoshop
- Pitching ideas and sales

PERSONAL
Place & D.O.B.: Beirut, Lebanon, February 9th, 2005.
Fluent in English and French. Spanish language speaker and strong understanding of Italian and Levantine Arabic.
Citizenship: French and Lebanese