**Subata Naveen Khan**

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# Education

# Institute of Business Administration (IBA) Karachi, Pakistan

# BS Computer Science Aug 2020 – Present

**Al Nahda National Schools** Abu Dhabi, U.A.E.

A-Levels in Mathematics, Chemistry, Physics Aug 2016 – Aug 2019

# Course Projects

**Paint Software Update Development in Python using Agile methodologies** Sept 2022 – Dec 2022

* Collaborated with a group of five to update the open-source paint program *Pyaint* in Python
* Utilized Agile methodologies (Scrum) to execute the planning, design, and coding phases for efficient development, with a focus on code quality and maintenance

**Brickbreaker Game Development in Java** Mar 2021 – Apr 2021

* Developed a Brickbreaker game in Java utilizing object-oriented programming principles and the IntelliJ IDEA IDE
* Implemented interactive behaviors for bricks, ball, and paddle, demonstrating proficiency in object-oriented design and programming
* Incorporated keyboard input to enhance user interactivity and gameplay mechanics

**Work Experience**

City, State

**Digital Art Commissions** ([www.instagram.com/subartistic](http://www.instagram.com/subartistic))Nov 2022 – Present

* Demonstrated expertise in catering to client needs through digital art commissions, leveraging a deep understanding of various artistic styles and techniques to create customized and visually captivating pieces
* Proficiently utilized digital art software, namely Krita, to produce engaging illustrations, character designs, and concept art while ensuring timely delivery and maintaining open communication throughout the creative process

**Institute of Business Administration (IBA)** Karachi, Pakistan

**Teaching Assistant with Dr. Umair Azfar Khan** Jan 2023 – May 2023

* Assisted students with lab problems, providing guidance, and troubleshooting to help them grasp object-oriented programming concepts
* Developed and delivered tutorials to reinforce key concepts, prepared assignments, and evaluated student submissions to provide constructive feedback

**Extra-Curricular Activities**

**Archery** Mar 2022 – Present

* Participated in HEC InterVarsity Archery Championship 2023

**Hard Skills**

**Soft Skills**

* Proficient in Java, Python
* Data Structures and Algorithms
* Testing and Debugging
* Familiar with Software Development Life Cycle
* Critical Thinking
* Adaptability
* Teamwork
* Problem Solving