Aleksander Kirsten
46 Thurston Road, SE13 7SD, London, United Kingdom
aleksanderkirsten@googlemail.com
+44 7869 341212

I am currently a student working on achieving in the intersection of computing and math. Also, the application in solving (real-world) problems. I know not only the theory in computing, but also the practicality of computing. Therefore, I have developed my communication, organization and independent learning skills. Which are relevant to the field of Software Engineer, Database Engineer, Data Analyst, Business Analyst and Machine Learning.

Education

Goldsmiths, University of London (2019-2023)(Expected) BSc Computer Science.

- Neural Network(Year 3)
- Dynamic Web Application(Year 2) & Databases and the Web (Year 3)
- Algorithms 1 and 2 (Year 2)
- Computing Project 2(Year 2)
- Java for Industry/ Extended Java (Year 2)

Projects:

- Sudoku Problem Solver (year 1) and Primes (Year 1) done on JavaScript.
- Huffman coding (Year 2), Wordle on Java's Swing Library (Year 2), Airline Booking System (Year 2) all done on Java.
- My final computing project (thesis)is on: Analytical comparison of different data compression algorithms using Kolmogorov complexity (Year 3)

Skills

IT Skills:

- Throughout my degree in BSc Computer Science, I learnt to program on Python, JavaScript, SQL, Java and MATLAB. Moreover, I learnt develop algorithms, write reports related to my projects in my degree and use skills that will be useful in my career, like GitHub.
- As a means of further developing my programming skills, I am studying Java on my own, using both textual and online resources like YouTube and a book written by different authors.
- While it was new to Python, I was eager to learn more about it, more than what my course could offer. I adapted by using online sources like GeeksforGeeks, YouTube and the library.

Teamwork:

- In my pursuit of the Duke of Edinburgh's Award, I collaborated with other team members to resolve challenging problems that arose in our coordinated trip.

Organization:

- I created a system of time management in order to facilitate the modules from my course with otherwise not covered by the modules of my year of my degree.

Communication:

- In order to carry out a model-kit-building history project in secondary school, I negotiated with other group members, consulted with teachers, and discussed workflow using both in-person and remote communication channels.
- I'm running the Goldsmiths Badminton Club, as a president. On weekly basis, I communicate with my committee members and competitive team members. To organize the teams that will be play against other universities and promote the club in the university via Instagram and Facebook.