**Asem Haij**

Data Analyst in Progress | Mathematician | Python Developer

📍 Sakarya, Türkiye  
📞 +90 552 664 52 84  
✉️ [contact@asemhaij.com](mailto:contact@asemhaij.com)  
🌐 asemhaij.com

[in/asem-haij-9797562a8](https://www.linkedin.com/in/asem-haij-9797562a8)

**Professional Summary**

Aspiring Data Analyst with a strong academic background in Mathematics and over 3 years of experience in tutoring university-level math courses such as Calculus, Linear Algebra, and Abstract Algebra. Skilled in Python, C++, JavaScript, and Excel with practical experience in data management, software development, and educational content creation. Known for combining analytical thinking with technical knowledge to solve complex problems. Seeking roles in data analysis, educational technology, or mathematical programming.

**Education**

**Sakarya University** — Bachelor of Science in Mathematics  
2020 – 2025  
GPA: 3.06 / 4.00

**Skills**

**Data Analysis & Programming:** Python (pandas, NumPy, matplotlib), C++, JavaScript, Microsoft Excel (Pivot Tables, Charts), SQL (in progress)  
**Mathematics Tutoring:** Calculus I-III, Linear Algebra, Abstract Algebra, Differential Equations  
**Web Development:** HTML, CSS, JavaScript  
**Office Tools:** Microsoft Word, Excel, PowerPoint  
**Other Skills:** Problem-Solving, Analytical Thinking, Educational Content Creation, Prompt Engineering, Accounting & Financial Data Management  
**Languages:** Arabic (Native), English (Intermediate), Turkish (Intermediate)

**Experience**

**Math Tutor**  
*Yemeni Students Union, Sakarya* — (2021 – 2022)

* Delivered private and group tutoring sessions in Calculus 1 & 2.
* Simplified complex mathematical concepts for diverse learners.

**Private Math Tutor**  
*Self-employed* — (2022 – 2024)

* Taught Calculus 1 to a Civil Engineering student.
* Tutored Calculus 2 for two Food Engineering students.
* Delivered Abstract Algebra sessions for a Mathematics student.
* Assisted another Mathematics student with Calculus 1.

**Accounting & Data Management Intern**  
*Azal International Company* — (Summer 2023 & 2024)

* Managed financial records, salary distribution, and expenditure reports using Excel.
* Ensured data accuracy and timely reporting.

**Educational Content Creator**  
*Freelance* — (Summer 2023)

* Designed, recorded, and published two online courses on Calculus 2 & 3.

**Programming Projects (Academic)**  
*2022 – 2023*

* Developed C++, Python, and JavaScript projects during academic coursework.
* Created math-related tools including function calculators and geometry processing.
* Built a client record system with CRUD functionalities.

**Certifications**

* Python Programming – Yıldız Teknik Üniversitesi
* JavaScript Course – W3Schools
* HTML Course – W3Schools
* Introduction to Accounting – Medipol University
* ChatGPT Prompt Engineering for Developers

**Additional Information**

* I am currently building a career in Data Analysis by combining strong mathematical foundations with practical programming experience.
* Open to roles in tutoring, data analysis, and educational software development.
* Have recommendations from university professors and employers.

**Refferences**

* **Prof. Metin Yaman – Head of Mathematics Dept, Sakarya University**  
  [myaman@sakarya.edu.tr](mailto:myaman@sakarya.edu.tr)
* **Mr. Hossam Elbadri – Accountant, Azal International Company**  
  +966 53 705 2412
* **Prof. Şevket Gür – Professor Of Mathematics, Sakarya University**  
  [sgur@sakarya.edu.tr](mailto:sgur@sakarya.edu.tr)