

# Frimpong Atta Junior Osei

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## EDUCATION

- University of Oregon** Eugene, Oregon, USA  
• *MS Computer and Information Science; GPA: 3.33*  
*Courses: Artificial Intelligence, Machine Learning, Blockchain Finance and Security*  
*September 2021 - June 2023*
- Southeast University** Nanjing, Jiangsu, China  
• *MS Computer Science and Technology; GPA: 81.94*  
*Courses: Pattern Recognition, Design & Analysis Of Algorithms, Computer Network Architecture, Modern Databases*  
*September 2020 - September 2021*
- Nanjing University of Information Science and Technology** Nanjing, Jiangsu, China  
• *BS Computer Science and Technology; GPA: 3.0*  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Cloud Computing, Software Testing, Probability and Statistics, Linear Algebra, Networking, Databases, Principles of Computer Organization, Software Engineering*  
*September 2016 - June 2020*
- University for Development Studies** Navrongo, Upper-East, Ghana  
• *Bachelor of Science - Computer Science; GPA: 4.50*  
*September 2015 - July 2016*

## SKILLS SUMMARY

- **Languages:** Python, PHP, JavaScript, SQL, JAVA
- **Frameworks:** Scikit-learn, TensorFlow, PyTorch, Django, Flask, NodeJS, React
- **Libraries:** Pandas, Keras, NumPy, SciPy, PyPlot
- **Tools:** Docker, Kubernetes, Git, MySQL, SQLite
- **Platforms:** Linux, Mac, Windows
- **Soft Skills:** Leadership, Event Management, Public Speaking, Time Management, Problem Solving, Mentorship

## EXPERIENCE

- University of Oregon** Eugene, Oregon, USA  
• *Graduate Teaching Assistant (Part-time)*  
*September 2021 - Present*
  - **Leading Lab sessions of CIS 210:** Computer Science 1 using Python 3.
- Expec Educational Consult** Kumasi, Ashanti, Ghana  
• *Typesetter (Full-time)*  
*September 2013 - July 2015*
  - **Provided printing services:** photocopies, book binding, lamination, publishing books
  - **Collaborated and Designed :** lecture notes, thesis, assignments, presentations for clients
- O. Y. Mensh Enterprise** Kumasi, Ashanti, Ghana  
• *Computer Hardware Technician (Apprenticeship)*  
*September 2010 - July 2013*
  - **Repaired imported computers and accessories:** Hardware Maintenance
  - **Provided technical support to clients:** Troubleshoot, Windows Installation, Software Updates

## PROJECTS

- **Salon Booking System:** Backend (PHP, MySQL); Frontend (HTML, JavaScript, CSS, and Bootstrap)
- **College Course Selection System:** Backend (PHP, MySQL); Frontend (HTML, JavaScript, CSS, and Bootstrap)
- **Using Python and Open Notify API to plot the location of the International Space Station (ISS):** Mini-Project
- **Using python and OpenCV to create your own instagram style filter for any photo.:** Mini-Project

## PUBLICATIONS

- **Sidique Gawusu, Frimpong Atta Junior Osei)(Renewable & Sustainable Energy Reviews):** "Renewable Energy Sources from the Perspective of Blockchain Integration: From Theory to Application". Available at <https://doi.org/10.1016/j.seta.2022.102108>
- **Frimpong Atta Junior Osei, Sidique Gawusu, Xuezhi Wen, Yu Zheng, Daniel Appiah Kumah (IJSRCSEIT):** "A study on : confidentiality approach to prevent features disclosure in IoT situations", ISSN : 2456-3307, Volume 6, Issue 3, pp., May-June-2020. Available at <https://doi.org/10.32628/CSEIT2063146>

## VOLUNTEER EXPERIENCE

- Student Mentor at Sujie Primary School** Nanjing, Jiangsu, China  
• *Organized events, conducted workshops and delivered workshops reaching over 200 kids*  
*April 2017 - July 2017*
- Student Mentor at Nanjing Eternal Sea Kindergarten** Nanjing, Jiangsu, China  
• *Organized events, conducted workshops and delivered workshops reaching over 100 kids*  
*January 2017 - February 2017*