

# Zafran Akhmadery Arif

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## Professional Summary

A young leader who has **demonstrated his skills and leadership** by working in several **non-profit organizations**. A passionate individual who has a passion in **Digital Literacy** and has a specialization in **Mathematical Modeling and Optimization**. Have been **invited to speak** in various seminars and webinars, talked about **education** and **digital literacy**.

## Education

**Washington State University (WSU)**  
Bachelor of Science, Applied Mathematics

Pullman, WA  
December 2022

## Working Experience

**Washington State University**  
*Dairy Microbiology Lab Assistant*

Pullman, WA  
May 2022 - Present

- Worked closely with the Professor, PhD Students, and Masters Students of **Food Science and Human Nutrition** Department in WSU.
- **Assisted** them with their **research in microbiology** for dairy products.

**Bank Negara Indonesia New York (BNI NY)**  
*Information Technology (IT) Intern*

New York City, NY  
May 2021 - Jun 2021

- Trusted to work with the IT team in creating a **design** for the **company's customer portal**.
- **Learned** from other departments about how the **businesses** work.
- **Assessed** the **strengths** and **weaknesses** of the company's workflow.

**Washington State University**  
*Teaching Assistant & Tutor*

Pullman, WA  
Aug 2019 - Aug 2020

- Assisted the professors with **grading quizzes, homework, and exams**.
- Tutored students in **Business Calculus** and **Trigonometry** classes.
- Taught students mathematical **concepts**.
- Supported students by **identifying and solving** mathematical problems.
- Taught students in such areas as **Calculus, Algebra, and Trigonometry**.

**Generali Indonesia**  
*Actuarial Intern*

Jakarta, Indonesia  
May 2018 - Jul 2018

- Worked closely with the **Pricing Team** and trusted to **improve the quality of company's product** using Excel and Visual Basic.
- **Assessed data** by utilizing Microsoft Office Excel.
- Helped the Actuaries in **determining the price** of an insurance policy based on multiple variables.

## Skills and Interests

- Leadership
- Management
- Public Speaking
- Teamwork
- MATLAB
- R
- MySQL
- Python
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Word
- Google Sheets

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## Leadership Experience

### PPI Dunia (Overseas Indonesian Students' Association Alliance)

- Secretary-General
- Director of Overseas Education and Culture
- Head of Education Information

#### Main Office

Aug 2022 – Sept 2023

Aug 2021 – Aug 2021

Aug 2020 – Jul 2021

### PERMIAS (Indonesian Students' Association in the USA)

- President of Pullman Chapter
- Vice Director of Organizational Development
- Head of Pullman Delegates (National Congress 2018 in Boulder, CO)

#### USA Chapter

May 2018 – Aug 2019

Sept 2018 – Sept 2019

Sept 2018

### IAAS (International Association of Students in Agricultural and Related Sciences)

- Board of Project and Sciences
- Head of Indonesian Delegates (61<sup>st</sup> World Congress in Croatia)

#### Indonesia Chapter

August 2016 – Jan 2018

Jul 2018 – Aug 2018

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## Projects and Activities

### The 42<sup>nd</sup> ASEAN Summit

#### *Indonesian Youth Delegate*

- **Selected** by the Indonesian Ministry of Foreign Affairs.
- **Formulated a policy recommendation** for ASEAN Member States.
- **Discussed** the future of ASEAN with the **President of Indonesia** and 10 other ASEAN Head of States.

Labuan Bajo, Indonesia  
2023

### Linear Programming and Optimization

#### *Senior Project at Washington State University*

- **Assessing Business Efficiencies** using Data-Envelopment Analysis.
- Planning a **multi-period team assignment** based on the staff members' productivity, creativity, and teamwork skills.

Pullman, WA  
2022

### Community Service Program

#### *Social Project by IPB University*

- Aimed to **improve the quality** of the villagers life in Indramayu City and their businesses.
- Helped the locals in **solving their problems** in fisheries, education, and environmental fields.
- **Analyzed the business efficiencies** of the local products (mostly fish product derivatives).
- **Taught** in one of the **elementary schools** basic **mathematics** as an honorary teacher.

Indramayu, Indonesia  
2019

### Youth Agricarture

#### *Village Concept Project by IAAS Indonesia*

- **Coordinated 8 teams** that were spread into 8 different cities in Indonesia.
- Supported the 2<sup>nd</sup> SDGs (Zero Hunger) by **helping local businesses** to thrive with their agricultural products and its derivatives.
- **Improved the quality** of their products (taste, packaging, distribution, etc.)

Indonesia  
2017