# Akmal 'Ace' Setiawan

West Lafayette, IN 47906 | 765-767-3487 | setiawa@purdue.edu

## EDUCATION

**Purdue University, Mitch Daniels School of Business** — **West Lafayette, IN**
***Bachelor of Science, Business Analytics and Information Management*** — **August 2022 - December 2025**

- Minor in Statistics & Applications in Data Science Certificate
- Cumulative GPA of 3.43

## PROFESSIONAL EXPERIENCE

**External Data Analytics, Office of the President - Purdue University** — **West Lafayette, IN**
***Student Data Analyst*** — **September 2023 – Present**

- Worked with analytics team full-time in the summer and part-time in fall and spring to perform comparative data analysis to identify key underperforming metrics which helped realize a 40-spot increase in two years for Purdue in *QS World University* rankings.
- Collaborate with supervisors to create meaningful and comprehensive visualization with Tableau and PowerPoint to present to university executives as basis for university-wide decision making.
- Develop and maintain faculty related databases using Excel and automation using Power Query to serve as a tool for faculty to locate and fill gaps in national and international academic databases.

**Department of Mathematic, Purdue University** — **West Lafayette, IN**
***Calculus Course Grader and Proctor*** — **August 2023 – Present**

- Grade assignments and quizzes with accuracy and efficiency to help students identify weaknesses
- Provide detailed feedback on exercises to aid students in preparing for exams
- Structurally organize and upload results with precision to comply with academic rules and regulations

## LEADERSHIP AND INVOLVEMENT

- **Club Sport Athlete** – Purdue Triathlon (Active)
- **Student Council President** – Pilar Indonesia High School (Sep. 2020 - Oct. 2021)

## ACHIEVEMENTS

- **Zimmer Biomet Case Competition -** 2nd Place Winner & Best Speaker (February 2025)
- **Purdue Accounting Case Competition** – 2nd Place Winner (April 2024)

## PROJECTS

**Leveraging Web Scraping to Build Purdue's Highly Prestigious Awards Historical Database** — **Summer 2024**

- Utilized web scraping methods in Python to scrape award websites of winners and their metadata. As well as implementing various APIs to check institutional connection and data standardization.
- Presented to Association of American Universities (AAU) in Fall 2024, at Indiana Association for Institutional Research (INAIR) 2025 Conference, and at Association for Institutional Research 2025 National Conference.

**Using Machine Learning to Map Grief Stages and Optimize Support for Military Survivors** — **Fall 2024**

- Collaborated with Tragedy Assistance Program for Survivors (TAPS) to use machine learning classification models to predict grief stages based on survey responses. Achieved classification accuracy of 89%.
- Presented research poster at Purdue Fall 2024 Undergraduate Research Conference.

**Predicting the Unpredictable: Machine Learning for Lead Time Forecasting in Supply Chains with Extreme Delivery Deviations** — **Spring 2025**

- Creating prediction models for the supply chain of a large manufacturing company. Utilized machine learning methods as well as deep learning to give confident predictions on part orders timeliness.
- Will present research poster at 2025 INFORMS Analytics+ National Conference.

## RELEVANT SKILLS

- **Languages:** English – Native; Indonesian – Native
- **Coding:** Python – Advanced; R – Advanced; SAS – Intermediate; SQL – Intermediate; HTML – Intermediate
- **Software:** Microsoft Word, Excel, PowerPoint – Advanced; Tableau – Advanced; Microsoft Power BI/Automate/Query – Intermediate