**Ivan Widjanarko**

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**EDUCATION**

**Calvin University Grand Rapids, MI**

*Bachelor of Science, Double Major: Computer Science and Business Analytics Expected May 2026*

***GPA****: 3.83*

**Relevant Coursework:** *Applied Data Analysis, Managerial and Financial Accounting, Operating Systems, Computer Networking, Data Structures and Algorithms, Microeconomics, Discrete Mathematics, Statistics, Calculus, Data Visualization*

**EXPERIENCES**

**Calvin University Grand Rapids, MI**

*Machine Learning and Artificial Intelligence Researcher May 2024 – Present*

* Developed a visualization tool published on DESIGNSAFE which allowed for the automation of detecting flipped cars after wind hazards.
* Implemented the YOLOv8 model for training our AI model and designed a function to split large tiff files to manageable chunks of images.

**Abstraction Grand Rapids, MI**

*Web Developer and Operations Coordinator 🡪* *President August 2023 –Present*

* Enhanced and developed the Calvin hacks website, employing Firebase to store login information and CSS for our user interface, accessible at <https://calvinhacks.org/>.
* Organized a hackathon with over 50 participants, raising $6000 from sponsors and handling event logistics.

**Knights Investment Management Grand Rapids, MI**

*Analyst 🡪 Senior Analyst 🡪 Sector Head August 2022 – Present*

* Collaborated with other analysts in investing small-cap stock using over $2.8M of college endowment.
* Research and analysis of different industries to deliver financial stock pitches to other club members and professors.
* Led and trained a team of five to analyze financial reports and understand complex investing strategies.

**LEADERSHIP & COMMUNITY ENGAGEMENTS**

**ALERT (Air Land Emergency Resource Team) Cadet Malacca, Malaysia**

*Squad Leader 2018, 2019, 2022, 2023*

* Cultivated and showcased leadership skills through directing a squad of ten members in various outbound and teamwork activities.
* Fostered a cohesive and supportive team environment as well as emphasizing mutual respect among members.

**Bersama Grand Rapids, MI**

*President April 2023 – Present*

* Orchestrated cross-cultural initiatives with local community organizations, promoting unity and diversity in Grand Rapids.
* Successfully managed logistical aspects for events, including budgeting, venue reservation, and coordination with all involved parties.

**SKILLS**

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**Technical:**

* **Fluent:** Python, C++, C#, Java, ADA, Clojure, Ruby, R, Assembly, Microsoft Suites, Microsoft Access
* **Intermediate:** SQL, PERL, and JavaScript

**Languages:**

* **Fluent:** English, Indonesian, Malay
* **Intermediate:** Mandarin Simplified Chinese