Vincent Nathaniel Wirawan

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Skills: Java, C++, C#, Data Structures and Advanced Data Structures, Algorithms, object-oriented programming (OOP), ReactJS, NodeJS, ExpressJS, MongoDB, Html/CSS, Unity.

EDUCATION

Bachelor of Science in Computer Science | University of Washington   Expected, June 2024

Associate in Science | Edmonds College   Spring June 2022

- GPA 3.85 / 4.0

RESEARCH EXPERIENCE

Undergraduate Research | Edmonds College   January 2021 – June 2021

- Conducted experiments to evaluate the impact of 5G radio waves on radar altimeter systems in airplanes
- Performed flight data tests using drones and developed simulation modules for radar altimeters using Arduino programming
- Utilized Arduino programming to read and process flight data from drones
- Presented research findings to peers and industry experts at a STEM fair.
- Received undergraduate research award for successful completion of experiment.

ADDITIONAL EXPERIENCE

LAHacks | Hackathon   April 2023

- Designed/developed a full stack website application using MERN stack.
- Created a platform for global collaboration in education, including a virtual study environment with chatrooms, file/resource sharing, and project collaboration to make education accessible to everyone, regardless of location or socioeconomic status.
- Implemented user authentication/authorization system using Google API, demonstrated strong problem-solving skills and teamwork throughout the hackathon.

Ministry Leader | International Full Gospel Fellowship Church   September 2022 – Present

- Trained new team members in the preparation and serving of beverages.
- Hosted special events on a monthly basis, with a focus on the first week of each month.
- Assisted in the management of the IFGF website, ensuring accurate and timely updates, and optimizing the user experience.

Secretary in Computer Science Organization | Edmonds College   September 2021 – June 2022

- Assisted the organization's president in scheduling meetings and managing the organization's calendar.
- Assisted with the completion and submission of the necessary paperwork for the organization.
- Coordinated and organized events, such as guest speaker presentations and networking events.
- Worked with the organization's executive board to develop and implement new initiatives and programs.
- Provided administrative support for the organization's committees, including scheduling meetings and taking minutes.

VOLUNTEER EXPERIENCE

Christmas Toy Drive | International Full Gospel Fellowship Church

- Assisted in distributing essential items such as toys, masks, and daily necessities to children and individuals in need.
- Contributed to the coordination and preparation of events.

Volunteer Mentor | Cyber Senior

- Delivered informative presentations on technologies, software, and applications to senior citizen groups.
- Provided instruction on utilizing Microsoft and social media applications to senior citizen groups.

Website Admin | International Full Gospel Fellowship Church

- Maintained regular updates to website content and functionality.
- Implemented new features to enhance user experience and navigation.

PROJECTS

University Enrollment System | Backend   December 2022

Designed and implemented an object-oriented backend for a comprehensive university class enrollment system, enabling students to efficiently manage their course selections, including enrolling in or dropping classes.

Movie Store System | Backend   March 2023

Developed a versatile movie rental store management system, handling a range of transaction types and adaptable to various store requirements. The system emphasizes object-oriented programming (OOP), class inheritance, and efficient data storage using hash tables and binary search trees.