



# Christian Bennett

## COMPUTER ENGINEERING

Fresh Graduate of Computer Engineering (with Automotive and Robotics Engineerings Program) at Binus ASO. I pictured myself as a self-motivated person, strengthened, communicative, creative, open minded person, adaptability, leadership and discipline.

### Expert Skills

AutoCAD, Autodesk Inventor 3D, MATLAB, Multisim, PHP, MySQL, Google Cloud Platform (9 SKILLSBOOST Certificate Completion), Automotive, Microsoft Office, Arduino, Artificial Intelligence, Python, SketchUp-3D Model, Research, Autodesk CFD, Node-RED, HTML, HTML5, ProjectLibre, CSS, C#, VB (.NET), UI Path, SQL, Linux, Computer Network

### Contact

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## Education History

### BINUS ASO

- ASO College Group - 専門学校 麻生工科自動車大学校 (Automotive Engineering, Japan), (Aug 2023 - Sep 2023)
- Bachelor of Computer Engineering (Automotive and Robotics Engineerings Program), (2019-2023) with CGPA (3.69 / 4.00)

### IPEKA SENIOR HIGH SCHOOL

- Graduated Class of Science in 2019.

## Projects

### Robot Car with Ultrasonic Sensor using Starter Kits Arduino

The main function of this project was the Robot Car can avoid the obstacle using Ultrasonic Sensor which that making this Robot Car can avoid accidents immediately if it is in a real state.

### Tire Pressure Detector

A tool that helps us know when the tire pressure is sufficient. If the tire pressure is below the standard, then an application will provide a notification through an application connected to the user's mobile phone.

### Battery Monitor

Battery Monitor was a tool that provides battery notification in electric car to avoid running out of battery.

### Adaptive Headlight

The function of Adaptive Headlight, can adjust the intensity of light from the headlights according to the distance of the vehicle from the object in front.

### BASE AI Website Builder (Artificial Intelligence Team 2023)

In BASE AI Website, I was involved as backend developers in PHP and also responsible for connecting the frontend with the backend using API with JSON.

### Autonomous 2D Mapping Robot

This project focus on development of a robot that can autonomously navigate and plot a 2D map.

### Social Distancing Detection

Using collaboration with Python to detect social distancing between object (human) using camera module

### Drowsiness Detection Based On Physiological Measurement of Driver's Eyelid Closure using NVIDIA Jetson Nano (THESIS)

The Driver Drowsiness Detection System while Driving using NVIDIA Jetson Nano can detect drowsiness levels with three levels of drowsiness (Alert, Low Vigilant, and Drowsy) based on Eye Aspect Ratio (EAR) and 4 Blink Features (Amplitude, Velocity, Frequency, and Duration of Blink).

# Organization Experiences

- **Robotics Team Binus ASO** **Sep 2019 - April 2020**  
Learn to make a few projects using starter kit for Arduino, until a big project on making a Robot Car with Ultrasonic Sensor.
- **Artificial Intelligences Team Binus ASO 2023** **Nov 2019 - Nov 2021**  
Participated in several BASE.ai activities and contribute on making the official BASE.ai website project.
- **Build Up Community (BUC) Active Member** **Sep 2019 - Nov 2021**  
In this student activity units, increase my insight in communicating and relating in a group.

# Working Experience

**Assistant Lecturer** **Feb 2022 - June 2022**  
**Binus ASO (Tangerang Selatan, Indonesia)**

- Teach a class of students on "Google IOT (Internet of Things)" and "Google Cloud Platform"

**Projects :** Using Arduino ESP 32, Arduino IDE, Firebase, GCP, Node-Red, Tuya, InfluxDB

**Software Engineering - Internship** **July 2022 - January 2023**  
**PT PHAROS INDONESIA (Jakarta, Indonesia)**

- Specialized knowledge in Django-Fobi, a form-building framework for Django. I have utilized Django-Fobi to dynamically generate forms, handle form submissions, and manage form data with ease.
- Extensive experience in utilizing Django, a high-level Python web framework, to build feature-rich and user friendly web applications

**Projects :** Using Django, Python, Google API, Database, Django-Fobi, HTML

**Front-End Web Developers Talent** **May 2023 - July 2023**  
**Baparekraf Digital Talent (Jakarta, Indonesia)**

- Understanding HTML5 structure, styling web pages with CSS, and implementing interactive functionality using JavaScript.

**Projects :** Using CSS, HTML5, Javascript

# Working Experience

**Mechanical Design Engineer - Internship**  
**FA Support (Fukuoka, Japan)**

**July 2023 - Sep 2023**

- This Internship held in Fukuoka, Japan which is focused on creating the mechanical design of food trays for FA SUPPORT. Which is a short-term educational program centered around the skill of how the food tray will be presenting the food.

**Projects :** AutoCAD Mechanical · Mechanical Engineering · Mechanical Product Design · 3D Modeling · 3D Computer Aided Design (3D CAD) · Autodesk Software · Computer-Aided Design (CAD) · Autodesk Inventor

**RPA Developer - Full Time**  
**PT. Indonesia Global Solusindo (Jakarta, Indonesia)**

**Nov 2023 - Present**

- As an RPA Developer specializing in UiPath, I responsible for designing, developing, and implementing automated solutions to streamline business processes. I collaborate with business analysts, subject matter experts, and stakeholders to understand workflow requirements and then leverage UiPath's capabilities to create efficient and scalable automation solutions.

**Projects :** UI Path, Visual Basic (.NET), Robotic Process Automation (RPA), SQL

# My Portofolio



To access my portofolio informations click this link  
or scan the barcode :

<https://christianbennett23.github.io/MyPortofolio>  
Website/

# Training Experience

- Robotic Implementation of Specific Society
- Cyber Security
- Technopreneur
- "How to Check"
- Maintain the Performance of Your
- Car's Brake?"
- Mobile Application Development for Android
- Web Programming with Python
- SketchUp-3D Model
- Computer Vision
- Introduction to Cloud Fundamental
- Internet of Things with Google
- Digital Marketing and IoT System Design
- "Professional Development Program: Unleashing Your Maximum Potential"
- Industrial Internet Of Things
- Aerodynamics
- Electric Vehicle

## CERTIFICATES

- Role completion of "BASE.ai Club"
- Build and Secure Networks in Google Cloud
- Create and Manage Cloud Resources
- Google Cloud Computing Foundations: Cloud Computing Fundamentals
- Google Cloud Computing Foundations: Data, ML, and AI in Google Cloud
- Google Cloud Computing Foundations: Infrastructure in Google Cloud
- Google Cloud Computing Foundations: Networking and Security in Google Cloud
- DEPRECATED IoT in the Google Cloud
- Perform Foundational Data, ML, and AI Tasks in Google Cloud
- Perform Foundational Infrastructure Tasks in Google Cloud
- Elastic Google Cloud Infrastructure: Scaling and Automation
- Essential Google Cloud Infrastructure: Core Services
- Essential Google Cloud Infrastructure: Foundation
- Google Cloud Fundamentals: Core Infrastructure
- Preparing for Your Associate Cloud Engineer Journey
- Reliable Google Cloud Infrastructure: Design and Process
- Basketball 2nd Winner Binus ASO
- Basketball 3rd Winner 3x3 Mini Prime
- Baparekraf Digital Talent Front End Basics
- EF SET Certificate