

Vincent Bartholomew Uba

Mobile: 0452 648 432

Email: vincentbarthuba@gmail.com

Address: Liverpool, NSW Sydney, Australia

LinkedIn: <https://www.linkedin.com/in/vincent-uba-123b89252/>

CAREER OBJECTIVE

A Master of Science in Advanced Cloud Computing graduate. With hands-on experience in **automating testing processes, robotics, implementing CI/CD pipelines, and enhancing system security**, I can bring my expertise in **Python, Jenkins, AWS, and Kubernetes** to provide effective and efficient solutions for technical challenges, alongside proficiency in **data analysis tools (SQL, Excel, Office365)** for data-driven decision-making. I am eager to learn and further develop my career in cloud computing, DevOps and data analytics, while contributing to organizational innovation, digital transformation, environment initiatives and modernization programs.

KEY STRENGTHS

- **Technical Expertise:** Proficient in **Python, C, HTML/CSS, JavaScript, and SQL** for software development, automation, and data analysis.
- **Cloud & DevOps Skills:** Hands-on experience with **AWS, Docker, Kubernetes, Jenkins, and Ansible** for cloud computing and CI/CD pipelines.
- **Problem-Solving:** Demonstrated ability to design and implement innovative solutions, such as **obstacle-avoiding smart robots and predictive data models**.
- **Automation:** Developed automated testing processes using **Jenkins and Python**, reducing manual effort and improving efficiency by 30%.
- **Security Focus:** Applied **security design principles** to enhance system security through role-based access control and robust architectures.
- **Communication:** Fluent in **English** and **Igbo**, with basic proficiency in **Ukrainian**, enabling effective collaboration in multicultural environments.
- **Teamwork & Adaptability:** Proven ability to work in diverse teams, adapt to new challenges, and deliver results under tight deadlines.

EDUCATION

Professional Year Internship Program (IT)

Sept 2024 - Present

QIBA, Sydney Campus

The Professional Year Program is a work readiness program designed to prepare university graduates for the professional workforce. Topics include business communication, workplace relations and practices, WH & S, professional networking, report writing and giving presentations.

Master of Software Engineering (Cloud Computing, Advanced)

July 2021 – May 2024

Torrens University, Australia

Key Achievements: Graduated with a GPA of 4.76 (Distinction).

Key Subjects: [Cloud Computing Fundamentals, DevOps Tools, Big Data & Analytics, Distributed Development, Research Methodologies, Software Development Management]

Master of Science in Computer Science

Sept 2020 – Dec 2021

Sumy State University, Ukraine

Key Achievements: Graduated with a GPA of 4.76 (Distinction).

- *Key Subjects: [Secure by Design (SBD403), System Thinking and Decision Analytics (MGT603), Cloud Architecture and Design, Cloud Computing Fundamentals (CCF501), Software Engineering Principles (SEP401)]*

*Key Achievements: Graduated with **Honours (GPA: 91/100)**.*

***Key Subjects:** [Web Technologies and Web Design, Algorithms and Data Structures, Database and Information Systems, Java Programming, Information Protection Technology]*

PROFESSIONAL EXPERIENCE

Data Analyst Intern
Sydney, Australia

2025 – Present

Role Description: Supporting IT and digital marketing operations with a focus on data analysis, Excel VBA automation, social media strategy, and e-commerce system updates to improve business visibility and performance.

Responsibilities:

- Analysed and interpreted company data to produce relevant statistics and insights using Google Analytics.
- Designed and created promotional flyers, social media content, and multimedia presentations with Canva and CapCut.
- Developed, tested, and refined **Excel VBA** macros to automate invoice tracking, payment monitoring, and reporting.
- Added **data validation**, formatting, and **automation processes** in Excel to improve data accuracy and reduce errors.
- Managed WordPress CMS and plugins, ensuring site stability and supporting e-commerce enhancements.
- Assisted in **SEO implementation** and monitored site performance with Google Search Console
- Collaborated with supervisors and stakeholders to align strategies on social media, content, and web development.
- Supported digital marketing campaigns via Meta Ads Manager, optimising engagement and reach.

Achievements:

- Improved brand awareness and engagement through social media strategies, promotional campaigns, and e-commerce content updates, enhancing overall customer experience.

Enhanced data accuracy and reporting efficiency by managing Excel-based trackers, while gaining hands-on experience with analytics, SEO, and digital marketing tools to support strategic growth.

Freelance IT Support Specialist
Sumy State University, Ukraine

2017 – 2020

Role Description: Provided freelance IT support, specializing in Windows OS installation, software setup, and hardware diagnostics for students and local clients.

Responsibilities:

- Installed and configured Windows OS, essential software, and BIOS settings for optimal performance and compatibility.
-

- Flashed, formatted, and optimized systems while diagnosing and resolving hardware/software issues.
- Built a client base through reliable, affordable IT support services.

Achievements:

- Successfully serviced over **100+ devices**, improving system performance and customer satisfaction. Established a reputation for reliability and technical expertise, leading to a steady stream of clients.

ACADEMIC PROJECTS

Title: Software Development and DevOps Automation Projects **2023**

Objective: To streamline web application development and deployment through front-end/back-end implementation and CI/CD automation.

Tools: HTML, CSS, Bootstrap, PHP, MySQL, JavaScript, Jenkins, AWS CodeBuild, GitHub, Jira, Confluence

Duties: Developed and deployed a responsive e-commerce platform in a collaborative Agile environment. Designed front-end and back-end systems with user authentication and order management. Automated code testing and deployment using Jenkins pipelines. Tracked development tasks with Jira and Confluence. Conducted stakeholder testing to ensure usability and functionality.

Outcome: Successfully delivered production-ready applications with enhanced performance and automation, achieving Distinction and strong user feedback.

Title: Autonomous Robotics & IoT Systems | Bachelor's & Master's Theses **2020 - 2021**

Objective: Design and implement autonomous robots with obstacle detection, remote control, and real-time monitoring capabilities.

Tools: Python, Arduino, Telegram-Bot API, Bluetooth, Ultrasonic Sensors, Pygame, Tera Term

Duties: Developed a smart robot prototype with autonomous navigation and obstacle avoidance by designing and programming an advanced obstacle-avoidance algorithm; integrated dual remote control systems using Telegram-Bot for real-time monitoring and Bluetooth for autopilot functions; created a mapping system to visualize robot movement; conducted extensive testing and debugging to optimize sensor accuracy and overall performance; and documented the project comprehensively with code, schematics, and performance results.

Outcome: Successfully demonstrated a robust and reliable smart robot control system, achieving Distinction for the master's thesis and Honours (GPA: 91/100) for the bachelor's project

TECHNICAL SKILLS

Programming Languages:	<i>C, C++, C#, JAVA, PYTHON, HTML/CSS, JavaScript,</i>
Operating Systems:	<i>Windows OS, Mac OS, Microsoft Windows (Word, Excel, PowerPoint, Project, Outlook)</i>
Databases:	<i>MySQL, SQL,</i>
Frameworks:	<i>Bootstrap, Pygame</i>
Testing:	<i>Teslink, Mantis, Software Testing, Application Testing</i>
Applications:	<i>Visual Studio, Arduino IDE, PyCharm</i>
Data Analysis & Visualization:	<i>Power BI(DAX, Power Query), Tableau, SQL, Excel, Python(pandas, Numpy)</i>

ACHIEVEMENTS/AWARDS

- **Master's Thesis:** Developed a Smart Robot Control System using Python, Arduino, and Telegram-Bot.
- **Bachelor's Thesis:** Designed and implemented an Obstacle-Avoiding Smart Robot using Arduino and Bluetooth.
- **Distinction Grades:** Achieved high distinctions in subjects like Cloud Computing Fundamentals, DevOps Tools, and Distributed Development.
- **Research Skills:** Conducted research in Big Data Analytics, Software Development Management, and System Thinking.

VOLUNTEER WORK/EXTRA-CIRCUCLAR ACTIVITIES

- DevOps Platforms and Operations: DataOps Principles
 - *Date:* 9 Feb 2025
 - *Description:* Learned DataOps practices to improve data management, automation, and collaboration across development teams.
- Kubernetes Administrator 2024: Application Containers
 - *Date:* 13 Feb 2025
 - *Description:* Learned container orchestration and Kubernetes administration for deploying and managing scalable applications.
- AWS Cloud Practitioner 2023: Migration, Automation & Cloud Economics
 - *Date:* 8–9 Feb 2025
 - *Description:* Explored cloud migration strategies, automation, managed services, and cost-effective deployment in AWS environments.
- **ACS PL-300: Power BI for Data Analysis Course**
 - *Date:* 15 June 2025
 - *Description:* Developed advanced data modelling and visualization strategies to transform complex datasets into actionable business intelligence effectively.
- CompTIA A+ Core 1: Networking Fundamentals & Wireless Networking
 - *Date:* 19 Sep 2025
 - *Description:* Gained expertise in networking principles, wireless connectivity, and troubleshooting to support IT infrastructure.

PROFESSIONAL AFFILIATIONS

- Australian Computer Society (ACS) - Member ID: 4430555

REFERENCES
