

Camelia Ariana Binti Ahmad Nasri

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EDUCATION

Bachelor of Science in Computer Science

Arizona State University Tempe Campus, AZ

May 2025

GPA 3.69

Relevant Coursework: Data Structure and Algorithm, Distributed System, Computer Systems Security, Introduction to Artificial Intelligence, Natural Language Processing.

TECHNICAL SKILLS

Programming Languages: C, C++, C#, Java, Python, SQL, React, Javascript, HTML/CSS, x86-64, Swift.

Technical Knowledge: Visual Studio Code, SQL Server, Postman, Outsystems Service Studio, Jira, Microsoft Azure, Linux, Matlab, IDA, Ghidra, Angr, Xcode, Unity, .Net, Flask, Django.

PROFESSIONAL EXPERIENCE

Undergraduate Teaching Assistant | Arizona State University, Tempe, AZ

01/2024 – 05/2024

- Assisted 300 computer science and electrical engineering students with assembly language programming projects, including debugging assembly codes.

Quality Assurance (QA) Tester Intern | Codeme Pro Sdn Bhd, Cyberjaya, Malaysia

06/2023 – 08/2023

- Participated in meetings, code reviews, demonstrations, design sessions and project retrospectives.
- Assessed code and did comprehensive functional and UI testing to determine potential glitches and bugs.
- Used project management software (Jira) to manage tasks and track progress collaboratively.

Teaching Assistant, Taylor's University | Subang Jaya, Malaysia

05/2021 – 08/2021

- Led weekly instructional sessions, assisted students in exam preparation and concept clarification.
- Achieved 80% attendance rate for voluntary sessions and contributed to improved student performance

RELEVANT PROJECTS

NASA Psyche Simulation Experience | ASU Senior Capstone Project

08/2024 - 05/2025

- Led and designed a 3D simulation of the Psyche-Solar System using **Unity** to improve public understanding of the Psyche mission.
- Developed and applied interdisciplinary teamwork and communication skills to complete project deliverables.
- Produced a comprehensive final report to communicate the process, progress and results.

Taste of The World | Class Project

08/2024 - 12/2024

- Scraped data from 100,000+ recipes from a website using **Python** libraries (**BeautifulSoup**, **Selenium**).
- Developed a reactive **D3.js** bubble graph for data visualization, enhancing user engagement.

Investment Assistant Web App | Class Project

05/2024 - 07/2024

- Deployed a web application integrating SHA-256 encrypted authentication and role-based dashboards.
- Used Bing's **RESTful API** to retrieve real-time financial data and incorporated ChatGPT-4 API for automated stock analysis.

Immersive UGTA | Hackathon 2nd Place

09/2023

- Created an interactive Snapchat filter by implementing 3D object recognition with **OpenCV**.
- Utilized GPT-4 and DALL-E APIs to enhance virtual environment interactivity.

Live Emergency Response System | DASSH Hackathon 1st Place

02/2023

- Led a team of five to develop a prototype embedded system for CCTV, achieving 70% accuracy in detecting active shooters.
- Applied **TensorFlow**, **Keras**, and **OpenCV** to implement a Python-based machine learning model.

EXTRACURRICULAR EXPERIENCE

DoD FutureG Summer Research Camp

05/2024

- Engaged in a weeklong program funded by the U.S. Department of Defense's Center of Excellence in Future Generation Wireless Technology.
- Designed, developed and implemented VR experience from concept to deployment.