

# Asad Ullah

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## Work Experience

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**Interserv** **Dec 2022 – Current**  
Software Developer Sydney, Australia

- Successfully developed three websites and three mobile apps for the Australian Navy and other Australian defence organisations using the GovCMS platform as a Full stack Drupal and MAUI developer
- Successfully developed a MAUI app for an Australian AgriTech Startup
- Technologies used: **PHP, Drupal, JavaScript/JQuery, HTML/Twig, SCSS/CSS, C#, .NET MAUI, MVVM**
- **Key Achievements:**
  - **Successfully developed custom functionality such as a custom Cron Job and subscription system within the restrictive GovCMS platform**
  - **Lead Developer for a gamification system implemented on the GovCMS platform**

**Juris Technologies** **Nov 2019 – Feb 2020**  
Software Engineer Intern Kuala Lumpur, Malaysia

- Sole Software engineer in a 5 person liaising team to a major Malaysian bank
- Technologies used: **SQL, PL/SQL, PHP, JavaScript, Linux, ADOdb**
- **Key Achievement:**
  - **Refactored the PL/SQL codebase, resulting in a significant improvement in query efficiency and overall system performance**

## Education

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**University of Wollongong** **Feb 2021 - Dec 2022**  
MSc, Computer Science Wollongong, Australia

Major: **Machine Learning and Big Data**

- Final year project: Led a team of 6 to develop a question generation app that generates various types of questions from a given paragraph using NLP and T5 Transformer
- Technologies used: **R, Python, Java, HDFS, SQL, PL/SQL, OpenCV, NumPy, Pandas, Spark**

**Monash University** **Dec 2020**  
BSc, Computer Science Melbourne, Australia

Major: **Advanced Computer Science**

- Qualified for the prestigious IBL program as 1 of 13 out of 200+ students based on academic merit
- Technologies used: **Java, Python, C, C++, SQL, PL/SQL, Android Studio**

## Skills

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- Languages: **Java, Python, C, C++, C#, SQL, PL/SQL, PHP, R, React.JS, HTML/CSS, Node.JS**
- Technologies: **Git, Azure DevOps, Drupal, MongoDB, MERN Stack, Unix/Linux, .NET MAUI, MVVM**

## Projects (Demos available on my [website](#))

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**Dynamic Routing App: ([Link](#))**

- Developed a dynamic routing application as part of my final year project in a team of 3 using Scrum methodology
- Placed top 3 out of 50+ teams in terms of usability and functionality
- Technologies used: **Android Studio, Java, TomtomMaps API, Git**