

# JOSHUA MANCE

Computer Science Graduate

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## SUMMARY

I'm Josh, a computer science and data science graduate who loves tackling complex problems and building efficient, reliable software. I'm always learning — whether it's a new framework, algorithm, or engineering concept. With experience in tutoring and retail, I bring sharp analytical thinking, clear communication, and a contagious enthusiasm to every project I take on.

## SKILLS

- Software Engineering:** UML, Git, Python, C, C++, Java.
- Web Development:** HTML, CSS, JavaScript, JQuery, Tailwind, React.js, Node.js, Docker.
- Data Science:** Python, SQL, R, Neo4j, Apache Spark, Power BI.

## PROJECTS

- 2025

**Warehouse Operations Optimizer**  
I'm creating C++ software to simulate picking/packing operations in a manual distribution warehouse to optimize picking routes and layout.
- 2024 - 2025

**Sedivis**  
In my final year of study, I led a team to develop software that helped geoarchaeologists in Esperance, WA visualize their sediment cores, streamlining their research process. I later spearheaded the team's expansion of the software to include finer-grained control features and improve the product's scalability.
- 2023 - 2024

**Repair Lab Tracker**  
I worked with Coders for Causes to develop a website and database for the Perth-based non-profit Repair Lab, helping them efficiently manage their projects across WA.
- 2023

**Financial Planning Charts**  
I worked with Throughlife Financial Solutions, a local financial planning company, to develop interactive charts that enhance how they visualize financial projections for their clients, making complex data intuitive and actionable.

## EDUCATION

- 2021 - 2024

**Bachelor of Science (Computer Science, Data Science)**  
GPA: 5.7/7.  
Clubs & Volunteering: Coders for Causes, Programming Competition Society

The University of Western Australia
- 2019 - 2020

**Bachelor of Science (Physics) (Partially completed)**  
Completed three semesters before switching majors.

Curtin University

## EXPERIENCE

- 2024 -

**Team Member - Officeworks**  
• Technology department & safety team.  
• Achieved 7 award pins for excellent customer service.

East Victoria Park
- 2019 - 2024

**Senior Tutor - NumberWorks'nWords**  
• Mathematics and English tutor for both high-school and primary students.  
• Responsible for helping supervise a team of tutors.  
• Performed acting manager duties on several occasions during the COVID-19 pandemic.

Subiaco
- 2023

**Data Science Contractor - Throughlife Financial Solutions**  
• Created interactive software tools to visualize financial modeling.

## REFERENCES

- Mr. [Name]

[Address]

[City, State, Postcode]

[Phone Number]

[Email Address]

Mr. [Name]

[Address]

[City, State, Postcode]

[Phone Number]

[Email Address]

Mr. [Name]

[Address]

[City, State, Postcode]

[Phone Number]

[Email Address]
- References Available on Request