

JOSHUA MANCE

Always Learning, Always Building

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SUMMARY

I'm Josh, a computer science and data science graduate who enjoys 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++, C#, Java.
- Web Development:** HTML, CSS, JavaScript, JQuery, Tailwind, React.js, Node.js, Docker.
- Data Engineering:** Python, SQL, R, Neo4j, 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 Software
I co-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 Projections
I worked with Throughlife Financial Solutions, a local financial planning company, to develop an interactive dashboard that enhanced how they show financial projections to 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 8 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]

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- References Available on Request
- Mr. [Name]

[Address]

[City, State, Postcode]

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- Mr. [Name]

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[Phone Number]

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- Mr. [Name]

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