

# SOSAIAH HILLIER-BARNES

*Computer Science Student*

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## CAREER OBJECTIVE

I am a third-year computer science student hoping for a role within the tech industry in which I can grow and learn from my team-members whilst using my own experience to make meaningful contributions.

## Education

Queensland University of Technology (QUT)  
Bachelor of Information Technology  
Major in Computer Science

Brisbane, Queensland  
Expected May 2026

## Related Units

Software Development, Algorithms and Complexity, Discrete Structures, Networks, Systems Programming, Database Management

## PROJECTS

### Chess Bot, Academic Project

Developed a bot, following object-oriented programming principles and using C#, for a game akin to chess with more diverse and complex moves (the game was made up for the unit).

### Raycaster, Personal Project

Developed a raycaster using C++ and OpenGL that transforms a 2D grid into a 3D world.

### Eye Health CRUD App, Academic Project

Developer and project manager for a team that developed an application using Java and GitHub that tracked screen usage and suggested breaks and eye exercises to reduce eye strain accordingly. User login details would be encrypted using a salt hash and stored alongside their usage history using an SQLite database.

### Something I Haven't Thought of Yet, Personal Project

It will be really cool

### Some cloud thing to do with AWS and VMs, Academic Project

It will be somewhat impressive