

# JONTY ATKINSON

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## Education

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### University of Newcastle

*Bachelor of Computer Science*

*Majoring in Software Development*

*Placed on the College Commendation List – College of Engineering*

**Jul. 2021 – Current**

*Newcastle, NSW*

*GPA – 6.1*

## Relevant Coursework

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- Data Structures
- System Design
- System Analysis
- Operating Systems
- Web Technologies
- Advanced Mathematics
- Database Management
- Algorithm Analysis

## Projects

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### Production Line Discrete Event Simulator | *Java, GitHub*

**June 2022**

- Developed a program to simulate the production of widgets on a production line using discrete event simulation.
- The program utilises Queues and Priority Queues to store widgets in-between the various production stages.
- Utilises advanced Object-Oriented-Programming techniques

### Sorting Algorithm Visualizer | *React, GitHub*

**July 2022**

- Built a React application for visualizing various sorting algorithms
- Implemented Merge Sort, Quick Sort, Heap Sort and Bubble Sort
- Provides an interactive interface to change algorithms and create new arrays

### Project 3 | *Languages / Tech*

**Time**

- Point 1
- Point 2
- Point 3

## Technical & Soft Skills

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**Languages:** Java, C++, HTML/CSS, JavaScript, LaTeX

**Developer Tools:** VS Code, GitHub, IntelliJ

**Technologies/Frameworks:** Linux, Node.js, React

## Extracurricular

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### Robocup Junior

**2018-2019**

- Competed in the Hunter Region and Central Coast regional competition at the University of Newcastle.
- Competed in the NSW state competition at the University of New South Wales.

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