

Joshua Young

Energetic and passionate third year student studying towards a Bachelor in Information Technology (Computer Science) at the Queensland University of Technology

Personal Information



Full name:

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Education



(02/2019 – present)

**Queensland
University
of
Technology**

Bachelor of Information Technology

Major: Computer Science

Minor: Data-centric Computing

GPA: 6.417/7.0

Projects



House Party

(Python: Django, JavaScript: React)
(Development in progress)

Shared Music Streaming Web Application
A single host, multiclient music streaming service
Integrated with Spotify API
<https://github.com/joshuay03/house-party>

Blinky Billboard

(Java, Java: Swing)

Electronic Billboard Display and Management System
A system for handling electronic billboards
Consists of a viewer, server and control panel
<https://github.com/joshuay03/BlinkyBillboard>

Process Overseer

(C)

Program Processing and Management Utility
A server-client program networked using BSD sockets
Consists of an overseer (server) and controller (client)
<https://github.com/joshuay03/process-overseer>

Switch Piano

(C)

Single Octave Piano
Runs on 2 Arduino Uno Rev 3 devices with ATmega328P microcontrollers
Uses digital I/O, analog output, serial I/O and an LCD
<https://github.com/joshuay03/switch-piano>

Image Processor

(C#)

Image Processing Pipeline
An image processing framework and tool
Can be used to build and execute image processing pipelines
<https://github.com/joshuay03/image-processor>

Skills



Languages

Python



Java



HTML



SQL



C#



C



CSS



JavaScript



Other Skills

Data Structures



Git



Algorithms



Testing



References

Ruchina Aidan Perera

Web Application Developer at Fonseka Innovations

LinkedIn: <https://www.linkedin.com/in/aidanperera>

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Cecil Hammett

Team member on Blinky Billboard project

(<https://github.com/joshuay03/BlinkyBillboard>)

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