

WONG JUN HONG (JADEN)

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

Bachelor of Science (Hons)

Major in Computational Biology with Computer Science

Date of Graduation: May 2022

Fluent in **English** and **Chinese** language

PROJECTS (detailed description of individual projects on <https://jadenwjh.github.io/>)

- **Cross-Platform Mobile application development:** Using **Dart/Flutter** and **SQLite**, developed a planner and expenses tracker application with widget and offline functionality
- **Android application development:** Using **Java/Java Native Interface** and **C++**, created an app that allows users with hearing disabilities to visualize hearing aid placements on their ears.
- **Browser Automator:** Using **Python**, implemented a program that automates web-form completion
- **Puzzle Game (2048):** Using **Python**, implemented user controls and game functionality for a game.
- **Personal website:** Using **HTML**, **CSS** and **JavaScript**, designed an online resume website
- **Large Data Analysis:** Using **R** and **Bash**, filtered and visualized large amounts of genomic data

WORK EXPERIENCES

Aviation Virtual: Virtual/Augmented Reality Programmer

May 2020 – Present

- Worked closely with developers and product managers to build functional programs
- Objective: Ear detection from images using neural network. Rendering of 3D models onto images
- Utilized **HTML**, **CSS** and **JavaScript** for web app, and **Java** and **C++** for mobile app

NUS Science Bash Committee: Head of Programs and Marketing Executive

August 2018 – August 2020

- Annual pageant event with an outreach of 20,000 people
- Orchestrated event sequences, manpower allocation and venue planning
- Developed skills in negotiation, envisioning alternate program plans and outsourcing event venues
- Headed programs team to coordinate flow of events during rehearsals and actual performance while ensuring efficiency, teamwork and time management

Start Tuition: Mathematics and Science Tutor

May 2018 – Present

- Emphasized on punctuality, clarity in delivering Mathematics and Science concepts, while paying attention to details and students' needs
- Refined ability to explain difficult concepts in simpler terms