

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

PROJECTS (detailed description of job scope and objectives on <https://jadenwjh.github.io/>)

- **Large Data Analysis:** Using **R** and **Bash**, filtered and visualized large amounts of genomic data
- **IOS Mobile application development:** Using **Swift** and **SQLite**, developed a planner and expenses tracker application with widget and offline functionality
- **Browser Automator:** Using **Python**, developed a program that automates web-form completion
- **Puzzle Game (2048):** Using **Python**, coded a puzzle game. Implemented user controls and game functionality
- **Kattis:** Using **Java**, implemented code to solve series of challenging questions on Kattis platform
- **Personal website:** Using **HTML**, **CSS**, and outsourced **JavaScript** code, developed a fully responsive online resume website

WORK EXPERIENCES

Aviation Virtual: Virtual/Augmented Reality Programmer

May 2020 – Present

- Will be working with developers and product managers to build functional programs for VR and AR solutions
- Will be utilizing Java, JavaScript, C++ and C# knowledge, while using the Unity framework

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

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RELEVANT SKILLS

Current

- Illustrated fluency in the practical analysis of microarray and next-generation sequencing (NGS) data using programming language **R**
- Developed understanding in the design and implementation of data structure and algorithms, through the programming language **Java**
- Proficient in solving problems (Kattis) using programming languages **Java** and **Python**
- Fluent in English and Chinese language

Future

- Well-versed in programming with **SQL** data
- Coherent in basic concepts in search and knowledge representation as well as to a number of sub-areas of **Artificial Intelligence**, as well as **Natural Language Processing**
- Launch a mobile application (iOS) using **Swift** as part of a personal project, by July 2020
- Develop solid understanding in **Machine Learning** during exchange program at **Lund University** (Sweden), August 2020