

NIU YUNPENG

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Education Background

Singapore	National University of Singapore	August 2016 – May 2020
<ul style="list-style-type: none">• Bachelor of Engineering (Honors) in <i>Computer Engineering</i>• Latest CAP (GPA): 4.96 out of 5		

Working Experience

Tutor	National University of Singapore	August – December 2017
<ul style="list-style-type: none">• Taught CS1101S Programming Methodology in Semester 1 AY2017/2018• Led a discussion group of around 10 students, set up assignments, graded assignments & examinations• Teaching feedback average score: 4.9 out of 5 (<i>department average: 4.2</i>)		

Full-stack Developer	Computing for Voluntary Welfare Organizations	May – August 2017
<ul style="list-style-type: none">• Built a web-based enterprise management system for Lions Befrienders (Singapore)• Worked on a case management module that controls status changes of all users in the system		

Project Experience

BoNUS	September – November 2017
<ul style="list-style-type: none">• A desktop Java application that helps users manage their contacts and upcoming events• Team lead, responsible for team coordination, automatic CI and code review• Implemented a feature that allows users to create and store customize fields for their contacts• <i>Java, JavaFX</i>	

Lions Befriender Management System	May – August 2017
<ul style="list-style-type: none">• An online system to manage the daily workflow of Lions Befriender's befriending and SAC programs• Serving 7000~ seniors and 2000~ volunteers• <i>Ruby on Rails, PostgreSQL</i>	

An immersive 3D education platform	December 2016 – April 2017
<ul style="list-style-type: none">• A 3D game to help students understand algorithms by simulating and visualizing their programs• Used at NUS for introductory programming module• <i>Unity3D game engine</i>	

Technical Skills

- **Programming languages:** Java, JavaScript, Ruby, PHP, HTML, C
- **Frameworks:** Ruby on Rails, Unity3D game engine
- **Platforms/services:** Azure, Travis CI

Award

NUS Science & Technology Undergraduate Scholarship	August 2016
<ul style="list-style-type: none">• A four-year full scholarship to support outstanding students at NUS	