

Eris Jacey Masagca

eris_jacey@hotmail.com | +65 9828 4668 | GitHub | LinkedIn | Website

Objective

Undergraduate student looking for valuable experience and seeking expertise in software engineering and higher education.

Core Skills

In order of descending proficiency.

Languages: Java, JavaScript, Python, C, SQL, C++, Haskell, Prolog, OCaml, Scala

Tech Stacks/Libraries: Node.js, React.js, Django, PostgreSQL, OpenGL, OpenMP, CUDA, MPI

Tools: Github, Docker, Netlify, Heroku, AWS

Education

National University of Singapore

Singapore

Bachelor of Computing in Computer Science

GPA: 4.73/5.00 | 2019 – 2023

- CS1101S Programming Methodology (A)
- CS2030S Programming Methodology II (A)
- CS2103T Software Engineering (A)
- CS2101 Effective Communication for Computing Pros (A)
- ST2334 Probability and Statistics (A)
- CS1231S Discrete Structures (A)
- CS2040S Data Structures and Algorithms (A-)
- CS2102 Database Systems (A)
- CS2104 Programming Language Concepts (A+)
- MA1101R Linear Algebra (A)

Work Experience

National University of Singapore

Singapore

Teaching Assistant

- CS1010E (Programming Methodology)* Teacher score: 4.3/5.0 | 5 teaching award nominations | Aug 2021 – Dec 2021
- CS2030S (Programming Methodology II)* Teacher score: 4.7/5.0 | 3 teaching award nominations | Jan 2021 – May 2021
- CS1101S (Programming Methodology)* Teacher score: 4.6/5.0 | 2 teaching award nominations | Aug 2020 – Dec 2020
- Facilitated weekly 2-hour tutorial/lab sessions for a group of 23/11/8 students respectively.
- Spearheaded and fostered community learning among said group.
- Marked regularly-timed online assignments for students in said group.

MatchHub.co

Singapore

Software Engineering Intern

Dec 2020 – Aug-2021

- Developed (front-end) web application dashboard using React/Node.js.
- Developed (back-end) web application dashboard using Django.
- Integrated front-end with back-end using relevant API calls.
- Used the following React libraries/frameworks: Material-UI, React-Bootstrap, Axios.
- Used the following tools as well: Docker, GitHub, Netlify, AWS.

Projects

Personal Website *Personal Project*

Jul 2021 – Present

- A purely front-end web application to showcase my work done so far as a programmer.
- Includes my education, experience, blog and projects.
- Written in React.js, done as a personal project, deployed on Netlify, available here.

DaileyCakeyBot *Personal Project*

Jul 2021 – Present

- A simple bot for generating random dessert recipes.
- Created with extensibility and future modifications in mind.
- Written in Python, done as a personal project, deployed on Heroku, available here.

Addendum for Teaching Assistants (ATAS) *CS2103T (Software Engineering)*

Aug 2020 – Dec 2020

- A desktop application for teaching assistants to handle administrative tasks in classes.
- With 20 KLoC, written in Java, done as a team project as part of CS2103T, available here.

Extra Curricular Activities

NUS School of Computing (Java Winter Workshop)

Dec 2020

- Conducted a Java & CS2030/S workshop for 400 undergraduates from the School of Computing.

Fuhua Secondary Military Band (Band Major)

2011 – 2014

- Led the band in achieving a Certificate of Distinction at the Singapore Youth Festival 2013.
- Spearheaded multiple projects, including annual performances and camps, which resulted in a 30% increase in member size.