

Suyash Shekhar

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

BComp in Computer Science
University Scholars Programme
Cum. GPA: 4.70/5.00
Expected April 2020 | Singapore

SKILLS

PROGRAMMING

Experienced:

Java • JavaScript • HTML
CSS • Ruby on Rails

Familiar:

Ruby • Python • Haskell
Android

Learning:

OCaml • Scala • L^AT_EX

COURSEWORK

Computer Organisation
Programming Methodology
Discrete Structures
Calculus
Linear Algebra
Operating Systems
Computer Networks
Programming Language Theory
Design and Analysis of Algorithms

AWARDS

- 2016 NUS Science and Tech Scholarship
- 2014 GCE 'A' Levels - 7 Distinctions
- 2012 A*STAR India Youth Scholarship (awarded to top 10 students in India)
- 2011 Blue Blazer Award (academic excellence throughout High School)
- 2011 National Talent Search Scholarship (highest school-level scholarship)
- 2010 Aryabhatta Mathematics Competition - 6th Position (National)

EXPERIENCE

SUMOSTORY | Full Stack Developer

September 2017 - Present | Singapore

- SumoStory is a Singapore-based start-up which aims to **automate the public relations** industry with the use of efficient algorithms.
- Currently developing the user dashboard - **billing and calendar integrations** for progress tracking.

TINKERBOX STUDIOS | Software Engineering Intern

May 2017 - July 2017 | Singapore

- Built an employee-client management system. Worked on major refactoring while keeping in mind compatibility and design constraints.
- Designed a **mailer daemon** to send **real-time updates** to customers.
- The system is used by the entire company and its clients everyday.
- Improved, deployed and maintained an **employee feedback system** for a large enterprise.
- Liaised with the clients directly to fix and improve the system.
- Used Ruby on Rails and HTML, CSS and **CoffeeScript(JS)/jQuery**.

PROJECTS

THE ARCADE | HTML5 and JavaScript

July 2017 - Present | Singapore

- A collection of recreated classic games (eg. Pong) playable online.
- Implemented using vanilla JavaScript and **Canvas API**.

TWITTER CLONE | Ruby on Rails

May 2017 - June 2017 | Singapore

- Features include CRUD functionality for tweets, user accounts, status updates and feed based on users followed.
- Practised **test-driven development** (RSpec) to complete a stable, mature application from scratch in **3 weeks**.
- Implemented using **Ruby on Rails, PostgreSQL, Slim (HTML5) SCSS** and deployed on **Heroku**.

BOJIO! - A SCHEDULING APP | Android

January 2017 - February 2017 | Hackathon, Singapore

- Implemented a **custom iCalendar (.ics) parser and serializer** from scratch.
- Explored various scheduling algorithms to optimise runtime efficiency.
- Under **further development**: improving GUI and .ics file sharing options.

CLUBS

NUS HACKERS | Coreteam Member

April 2017 - Present | NUS, Singapore

- A student group committed to the spread of hacker culture and open source software in Singapore.
- Organised weekly technical meetups with various speakers from the Industry and Academia.
- Organised and taught at technical workshops on various topics.
- Currently maintaining NUS's **open-source software mirror**.