Suyash Shekhar

suyash@nushackers.org | +65 90452163
suyashshekhar.com

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 · LaTeX

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 and 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.**