Suyash Shekhar

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

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

BComp in Computer Science
University Scholars Programme
Cum. GPA: 4.60/5.00
Expected April 2020 | Singapore

SKILLS

PROGRAMMING
Experienced:
Java • JavaScript • Python
HTML • CSS • Ruby on Rails
Familiar:
Ruby • Haskell • MySQL
Learning:
Prolog • Scala • LaTeX
Swift • iOS • React

COURSEWORK

Introduction to Artificial Intelligence
Design and Analysis of Algorithms
Operating Systems
Computer Networks
Programming Language Theory
Probability and Statistics
Linear Algebra
Calculus
Discrete Structures

TEACHING

Data Structures and Algorithms:
Spring, 2018

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 Comp. - **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** used by **over 2000 employees** .
- Liaised with the clients directly to fix and improve the system.
- Used Ruby on Rails and HTML, CSS and **CoffeeScript(JS)/ jQuery.**

PROJECTS

PAYBOB | PYTHON
October 2017 - Present | Singapore
- A Telegram Bot made to make it easier for friends to split bills and track unsettled payments.
- Made using Python and **Telegram Bot API** . Deployed on **Heroku**

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.
- Improved GUI further for easy viewing and sharing of .ics files.

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.**