

Savin Varshney

saav.github.io
savin.varshney@u.nus.edu | +65 97742808

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

BComp(HONS.) IN COMPUTER SCIENCE

Expected May 2017 | Singapore
School Of Computing
Information Security Specialization
vonNeumann Programm
Undergraduate Scholar
GPA: 3.73 / 5.0

ETH ZÜRICH

EXCHANGE STUDENT D-INFK FS 2016 | Zürich

Master Level Courses in
Networks, Cryptography
Machine Learning, NLP
Information System

ANN MARY SCHOOL

HIGHER SECONDARY | 96.20%
Grad. May 2012 | Dehradun, India
School Topper: Award Of Excellence
100% in Computer Science
100% in Mathematics

LINKS

Github:// **saav**
LinkedIn:// **savinvarshney**
Facebook:// **savin.varshney**
Quora:// **Savin-Varshney**

COURSEWORK

UNDERGRADUATE

Web Programming and Application
Computer Graphics and Vision
Multimedia Computing
Information Retrieval
Operating Systems
Database System
Functional Programming
Information Security
Computer Networks
Software Engineering

SKILLS

PROGRAMMING

Experience

- Java • C • JavaScript • Ruby
- HTML • CSS • PHP • MySQL
- jQuery • OCaml • Scala
- Python • C++

Familiar

- Matlab • Haskell • Prolog
- Objective-C • Swift • R

Experience of operating systems in both
Windows and Unix Environments

PRODUCTIVITY AND DESIGN

- MsOffice • \LaTeX
- Sketch • Photoshop
- Unity

ADDITIONAL INFO

Proficient: • English • Hindi
Familiar: • Deutsch

EXPERIENCE

BYNAO | Co-FOUNDER

Oct 2015 - Aug 2016 | Singapore

- Development of a e commerce marketplace to provide local dealers a platform to sell their products (launched in India) - **Bynao**

ZENDESK - ZOPIM | SOFTWARE ENGINEERING INTERN

May 2015 - Dec 2015 | Singapore

- Worked with Zendesk Sg - Zopim's feature team to integrate new components
- Frontend Dev - Implementing Wireframes and integrating UI designs
- Automated Security Compliance Audit Process - Internal Tools

NATIONAL UNIVERSITY OF SINGAPORE | TEACHING ASSISTANT

Jan 2015 - Nov 2015, May 2016 - Present | Singapore

- (CS1020 - Jan-May 2015) Guided 20 students for basic understanding of data structures and developing efficient algorithms in JAVA
- (CS1010 - Aug-Nov 2015) Tutor for Programming Course in C
- (Orbital 2015 - Jun-Jul 2015) Organized Workshop on JS, jQuery
- (Orbital 2016 - May-Jul 2016) Adviser to 5 teams

NETTECH INDIA | SUMMER TRAINEE

June 2014 - July 2014 | Dehradun

- Network Management - Developed scaled down company network
- Worked on development of a shell based tool to do all the Server Admin.
- Experience with networking on Linux, shell programming.
- Introduction to Hacking and it's countermeasures

PROJECTS

COMPUTER SECURITY PROJECT | CS3235

- Led a team of 5 for developing App for measuring populations using GSM technologies
- Presented Paper at 7th NUS Project Showcase - 3rd Prize

WEB APPLICATION PROJECT | CP3101B

- Led a team of 4 to incorporate Internationalization feature to - VisuAlgo - Algorithm visualization through animation
- Added dynamic language translation and added admin, contributor sections to improve robotic translation

DATABASE SYSTEM PROJECT | CS2102

- Worked in a team of 5 to make Airline Ticketing system
- Managed account and session - Frontend and Backend

SOFTWARE ENGINEERING PROJECT | CS2103

- Led a team of 4 to develop - TasKoord Task Manager in Java
- In-charge for Storage and Google Calendar Integration

NUS ORBITAL - CP3108B | RUBY ON RAILS APPLICATION

- Made a Doctor-Patient reservation Web App mHeal as a Summer Project - Achieved Vostok level of achievements

AWARDS AND ACCOMPLISHMENT

- 2015 7th NUS SoC Project Showcase - 3rd Prize
- 2015 Received VaSco Grant for \$10000 for **Bynao**
- 2013 Nus Science and Technology Undergraduate Scholarship
- 2012 Medal for Academic Excellence in ISC - School Topper

CO-CURRICULAR ACTIVITIES

- 2013-Present NUSSU - Director Of International Relation, IRC - President
- 2014-Present NUS ACM Student Chapter - Code for Cause Director
- 2013-2015 NUS IEEE Club - Publicity Committee
- 2013-2014 King Edward VII Hall, NUS Rotaract Club
- 2010-2012 Youth Club, Eco Club, Teaching underprivileged children
- 2006-2012 Five-Year Diploma course in Yoga