

Sayan Bhattacharjee

sayanb.me

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

BS IN MATHEMATICS AND COMPUTER SCIENCE

Graduating 2021 | Champaign, IL

College of Liberal Arts And Sciences

Clubs: ACM SigPWNY, ACM ADSA,
Society of Asian Scientists & Engineers

MISSION SAN JOSE HIGH HIGH SCHOOL DIPLOMA

Graduated 2017 | Fremont, CA

GPA: 3.5

Clubs: National Honors Society,
Math Club, Computer Science Club

LINKS

Sourceforge:// [sayan121](#)

LinkedIn:// [sayan-b](#)

COURSEWORK

COMPUTER SCIENCE

Introduction to Computer Science (Java)

Computer Science Honors (Python /
Mobile Dev)

Intro to Computer Programming with C++

Discrete Structures

AP Computer Science

OTHER

Multivariable Calculus

Mechanics

Chemistry

Statistics

SKILLS

PROGRAMMING

Extensive Experience:

Java • C++ • Python

Intermediate Experience:

JavaScript

OTHER

Microsoft Office • Windows

Troubleshooting • Quick Learner

EXPERIENCE

SRI INTERNATIONAL | ITS STUDENT INTERN

August 2016 and July 2017 | Menlo Park, CA

- Enhanced deployment of software to employees and resolved tickets to track progress
- Assisted employees on technical issues they were facing over the phone
- Engineered solution to recovering computer with forgotten password

SELF-EMPLOYED | TUTOR

June 2013 - August 2017 | Fremont, CA

- Supported 6+ 8th-12th grade students learning in multiple subjects
- Strengthened foundation in Math up to Calculus, SAT Math II, AP Chemistry by revising problems
- Donated money to grandfather's education fund in India

ALAMEDA COUNTY LIBRARY | TEEN TECH VOLUNTEER

June 2013 - January 2015 | Fremont, CA

- Supported community technical literacy education
- Guided users on how to print and use applications on the public computers

PROJECTS

INDEPENDENT PROJECTS

Projects completed in free time

- **Syantific Calculator (C#)** : GUI and console based calculator to perform basic and some advanced math functions
- **Fibonacci Sequence (C#)** : a program to display the Fibonacci sequence
- **Galladian Web Browser (VB.NET)** : Web Browser made in VB.NET with Reload, Stop, and Address Bar

IN-CLASS PROJECTS

Related projects covered in class

- **C++\Java** : matrix multiplier with fractions, Simple and coherent animation, Euclidean Algorithm, Roman Numerals to Decimal, Pascal's Triangle, Color Wheel
- **Honors Computer Science** : App to connect hosts and guests of social events in the area
- **Robotics** : Building a robot with its functions programmed for it to have basic motion in ROBOTC
- **Circuits** : Designed a compound circuit to effectively circulate power from a source to all the LEDs
- **Energy Sources** : Built a Hydro - Solar Car designed for racing