ANI SRIKANTH

Candidate for B.ASc
Computer Engineering
University of Toronto

Expected Graduation: 2023

CONTACT

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○ /animanny

DEVELOPMENT

Proficient:

Java
Git/Github
Arduino IDE

Intermediate:

Python
C#
HTML5/CSS3
JavaScript

Novice:

React
Google Apps Script

CREATIVE PRODUCTION

Adobe Photoshop
Adobe Premiere Pro
Final Cut Pro X
Adobe Lightroom
Unity Game Dev

PROJECTS

WIZARD CHESS https://goo.gl/dFTx59

FINALIST AND WINNER OF HACK THE NORTH 2018

- Largest Hackathon in Canada
- Game inspired by Wizard's Chess from Harry Potter. Player plays as the king in a virtual reality environment
- **Used C# in Unity** to build game environment, **IBM Watson API** to convert speech commands to text, and built a **chess game logic algorithm**
- Placed in the **top 12 winners out of 244 competing teams**

MOVIE RECOMMENDATION SYSTEM https://goo.gl/aZHMiF

HOSTED BY GOOGLE AUG 2018

- Participated in an online program run by the **Google Student Development team** and powered by Coursera
- Developed a **recommendation system algorithm** in Java that uses user data, ratings, and weighted averages to suggest movies to others based on their viewing patterns
- Practiced technical interview preparations, and collaboration with other incoming Computer Science students

EMPLOYEE MANAGEMENT SYSTEM https://goo.gl/7Qf5q8

DEC 2017

- Designed and built a swing GUI for small business to help manage and automate HR tasks
- Utilized object oriented programming strategies for better code code organization
- Implemented efficient data structures to minimize data parsing time

EXPERIENCE

SOFTWARE LEAD FRC TEAM 4308 | SEP 2015 - JUN 2018
https://goo.gl/rxYG5v

- Programmed **4 robots** to compete in the annual First Robotics Competition
- Used Java WPILIB, and OpenCV to **increase autonomous scoring by 200%**
- Successfully cleared the regional, and provincial levels to compete in Detroit, MI at the **International World Championships**

EXECUTIVE DIRECTOR PROJECT CIPHER | SEP 2015 - JUN 2018
https://goo.gl/z3TKPd

- Led this **local code community** designed to supplement antiquated and dry computer science curriculums in high schools
- Hosted hackathons, TEDTalk style events, and workshops teaching HTML, CSS, JS and using APIs such as Firebase
- Raised **over $50 000 in funding** put toward working with **over 1000** middle and high school students

SHAD FELLOW SHAD | JUL 2017 - AUG 2017
https://goo.gl/Q7Kphj

- a prestigious summer enrichment program for **Canada's top-achieving high school students**
- spent the **summer at The University of Carleton** developing solutions to the immense amount of energy waste produced in North America
- developed a way to convert pipeline water in industrial plants and housing complexes to **generate an estimated 50kW** of electricity per 2.7 m3/s of water