RAVJOT SACHDEV

ravsachdev@gmail.com
github.com/rsachdev19
rsachdev19.github.io

EDUCATION

Stony Brook University, Stony Brook, NY —
BS, Computer Science
SEPTEMBER 2016 - MAY 2019

EXPERIENCE

SRC, Inc., Syracuse, NY —
Software Engineer
June 2019 - Present

- Developed safety-critical software for the ground-based sense and avoid (GBSAA) radar system
- Participated in onsite software integration event in preparation for field tests
- Collaborated with other teams to develop creative solutions

MSC Industrial Supply Co., Melville, NY —
IT Intern - Infrastructure and Operations
Spring 2019

- Automated and improved Help Desk workflows using Javascript in conjunction with ServiceNow
- Collected and organized data, used by managers and executives in decision making

PROJECTS

comicHero — Spring, React, MongoDB

- Created comic scheduling for artists
- Improved website navigation for the end-user
- Added customization functionality to user profiles

First Person Platformer — Unity, C#

- Automated platform movement and projectile spawns
- Detected collision between player and moving obstacles

Grappleborg - Javascript

- Developed user interface and designed levels
- Programmed cheat codes for demonstration purposes

Other Experience

Stony Brook University -
Undergraduate Teaching Assistant
Spring 2018

Stony Brook University -
Undergraduate College Fellow
Fall 2017

Showcase Cinemas -
Concession Attendant
July 2016 - January 2017, Seasonal

Skills

Java

Python

C/C++/C#

Windows

Linux

JavaScript

HTML/CSS

Perl

OpenGL/WebGL

Blender

Unity

MIPS Assembly