

NEERAJ SAMTANI

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github.com/neerajsamtani

Profile

I am a curious, passionate, and hardworking student who enjoys programming in C++ and Python. I'm interested in projects which solve real-world problems with Computer Science.

Work Experience

Full Stack Developer 06/2017 – 09/2018

GEMS Modern Academy, Dubai, U.A.E.

- Created a website which enables students of GEMS Modern Academy to trade used textbooks.
- Spearheaded a marketing campaign which led to 450+ users signing up within the first two months.
- Trained four students to maintain the website and update it with new features.
- Languages: HTML, CSS, JavaScript, PHP, and MySQL | github.com/neerajsamtani/booksforacause

Software Developer Intern 07/2017 – 08/2017

Esri, Sharjah, United Arab Emirates

- Developed plugins to provide support for WEBP and PDF file formats in ArcGIS using the open source library GDAL. Wrote user documentation for the installation process of these plugins.
- Collaborated with a team of interns to write and optimize a script which compares image statistics and checks for support for various file formats. The script significantly reduced development time.
- Languages: C++, Python

Featured Projects

Gee-nomics (Software)

- Created software to input and process genetic data
- Github: <https://github.com/neerajsamtani/Gee-nomics> | Languages: C++

Zombie Dash (Video game)

- Developed a game which follows a zombie hunter trying to kill zombies and save citizens
- Github: <https://github.com/neerajsamtani/ZombieDash> | Languages: C++

3D Image Generator (Script)

- Wrote a script to automatically generate stereoscopic 3D images
- Github: https://github.com/neerajsamtani/gif_creator | Languages: Python, Imageio Library

Skills

C++

Python

JavaScript

Git

Adobe Creative Cloud

Leadership

Teamwork

Education

Computer Science and Engineering (B.S.) | 2022

University of California, Los Angeles -G.P.A. 3.79

International Baccalaureate Diploma | 2018

GEMS Modern Academy, Dubai - Valedictorian

Awards

Valedictorian, GEMS Modern Academy 07/2018

Certificate of Distinction & Contest Medal, Euclid Mathematics Contest 05/2018

Runner up, GEMS-Keita Mobile App Making Competition 05/2017

K.S. Varkey Merit Scholarship 05/2016