

Ritwik Dutta

Objective

To join the computer science department at a good university and expand my problem solving skillset in an environment that fosters further learning

Education

Archbishop Mitty – Class of 2016

Skills

Programming/Web Development

Python, Java, C/C++, MongoDB, Linux CLI, HTML, CSS, JavaScript, Flask

Graphic Design

Photoshop, Inkscape, GIMP, Illustrator

Video/Sound Editing

After Effects, Audacity, Openshot

IDEs/VCS

IntelliJ Idea, Eclipse, Git, GitHub

Editors

Vim, Sublime Text, MonoDevelop

Game Engines/Libraries

Unity, SDL

Projects

Health Dashboard

Created a free and open source health tracking system.

gtd.ritwikd.com

Max Keyboard Configurator

Worked with a local company to create a web-based utility.

key.ritwikd.com

SecureWallet Password Manager

Writing a CLI based password manager in pure Python using 128-bit AES encryption.

securewallet.ritwikd.com

K.A.R.E

Creating a GitHub recommendation engine using publicly sourced user data.

kare.progger.io

Display Latency Testing at NVIDIA

Using photoelectric sensors and DSP equipment to measure response time across a spectrum of LCD TVs.

Robotics Summer Camp Mentor

Mentored middle school students with robotics related activities during the summer (2013 and 2014).