

AAE2004 Introduction to Aviation Systems

AAE

Design of Path Planning Algorithm for Aircraft Operation

Week 8 – What's GitHub

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Assisted by

Miss Hiu Yi HO (Queenie), Miss Yan Tung LEUNG (Nikki),

Mr Hoi Fung NG (Ivan) and Mr Feng HUANG (Darren)

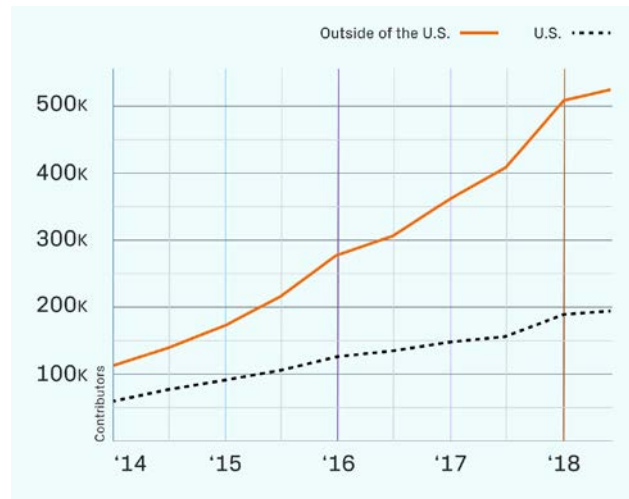
What is Github?



- A social network and platform for software developers
- Over 65 million users
- A place to Share, Communicate, Collaborate with others, especially programmers

What's on GitHub

- Over 100 million live Projects
- New projects increasing over the years
- Showing the trend of using GitHub for Software development



Variety of GitHub

- Countless topics and projects available for the public
- Encompassing most popular topics nowadays



BIG GitHub Pages

Tesla, Inc.
tesla/tesla
Verified
Repositories Packages People Projects
Find a repository... Type Language Sort

tesla/tesla
tesla/tesla is a repository of files that focus on automating a Tesla deployment.
Java Kotlin Swift Objective-C 11 issues need help 11 Updated 11 hours ago

perf_data_converter
Tool to convert perf files to the profile format used by perf.
C++ Kotlin Swift Objective-C 11 issues need help 11 Updated 11 hours ago

react-native-camera-kit
A high-performance, easy-to-use, cross-platform camera library for React Native apps.
Objective-C Kotlin Swift Objective-C 11 issues need help 11 Updated 11 hours ago

fixed-containers
C++ Fixed Containers
C++ Kotlin Swift Objective-C 11 issues need help 11 Updated 11 hours ago

mongo-go-driver
Official Go driver for MongoDB.
Go Kotlin Swift Objective-C 11 issues need help 11 Updated 11 hours ago

coreboot
Coreboot (source).
C Kotlin Swift Objective-C 11 issues need help 11 Updated 11 hours ago

linux
Linux (source).
C Kotlin Swift Objective-C 11 issues need help 11 Updated 11 hours ago

avocado-runner

Google
Google Open Source
https://opensource.google/ @GoogleOSS opensource@google.com Verified
Repositories Packages People Projects
Find a repository... Type Language Sort

closure-compiler-npm
Package for managing and documenting closure-compiler for use via npm
JavaScript Apache-2.0 66 303 2 (1 issue needs help) 11 Updated 3 minutes ago

it-cert-automation-practice
Google IT Automation with Python Professional Certificate - Practice files
Python Apache-2.0 19,346 381 36 5,000+ Updated 4 minutes ago

CFU-Playground
Want a faster ML processor? Do it yourself -- A framework for playing with custom opcodes to accelerate TensorFlow Lite for Microcontrollers (TFLM).
tensorflow tfite tflm
C++ Apache-2.0 23 67 30 (1 issue needs help) 11 Updated 7 minutes ago

pytype
A static type analyzer for Python code
python typechecker types static-code-analysis linter static-analysis
typing
Python 200 3,367 93 (3 issues need help) 11 Updated 17 minutes ago

trax
Trax — Deep Learning with Clear Code and Speed
machine-learning reinforcement-learning deep-learning numpy
deep-reinforcement-learning transformer jax
Python Apache-2.0 627 6,355 72 (1 issue needs help) 11 Updated 17 minutes ago

pigweed
microcontroller embedded cxx embedded-systems mcu
C++ Apache-2.0 7 31 0 11 Updated 18 minutes ago

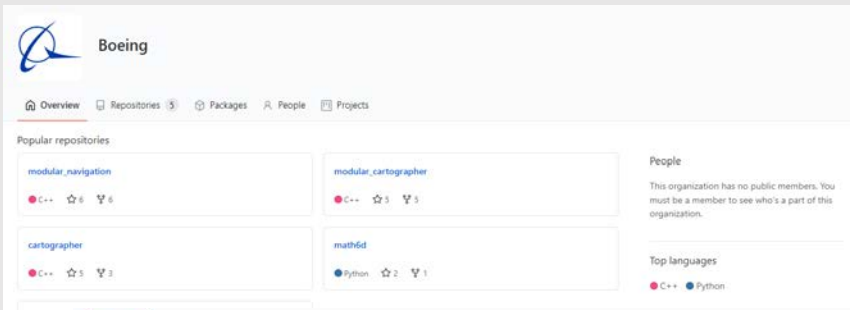
Top languages
Python C++ Go Java JavaScript

Most used topics
android security python java go

People
1.2k >

Developer Program Member
Report abuse

BIG GitHub Pages



Boeing

Overview Repositories 3 Packages People Projects

Popular repositories

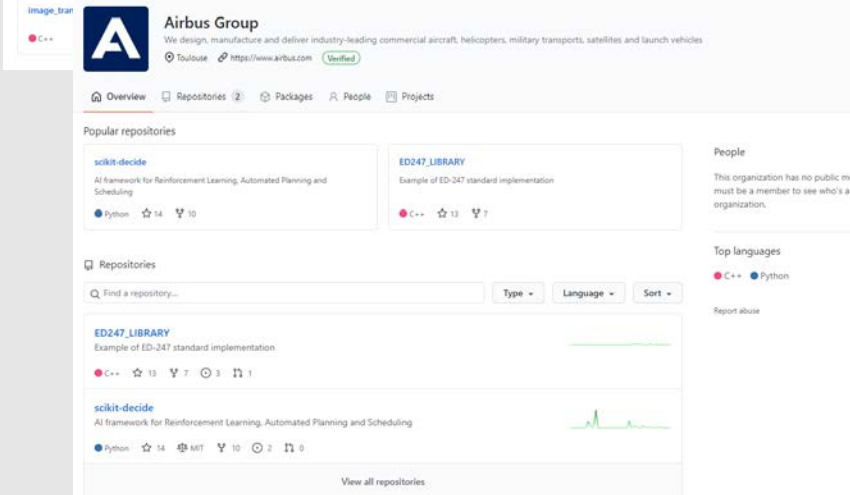
- modular_navigation**
C++ 6
- modular_cartographer**
C++ 5
- cartographer**
C++ 5
- math6d**
Python 2

People

This organization has no public members. You must be a member to see who's a part of this organization.

Top languages

- C++
- Python



Airbus Group

We design, manufacture and deliver industry-leading commercial aircraft, helicopters, military transports, satellites and launch vehicles

Toulouse <https://www.airbus.com> [Verified](#)

Overview Repositories 2 Packages People Projects

Popular repositories

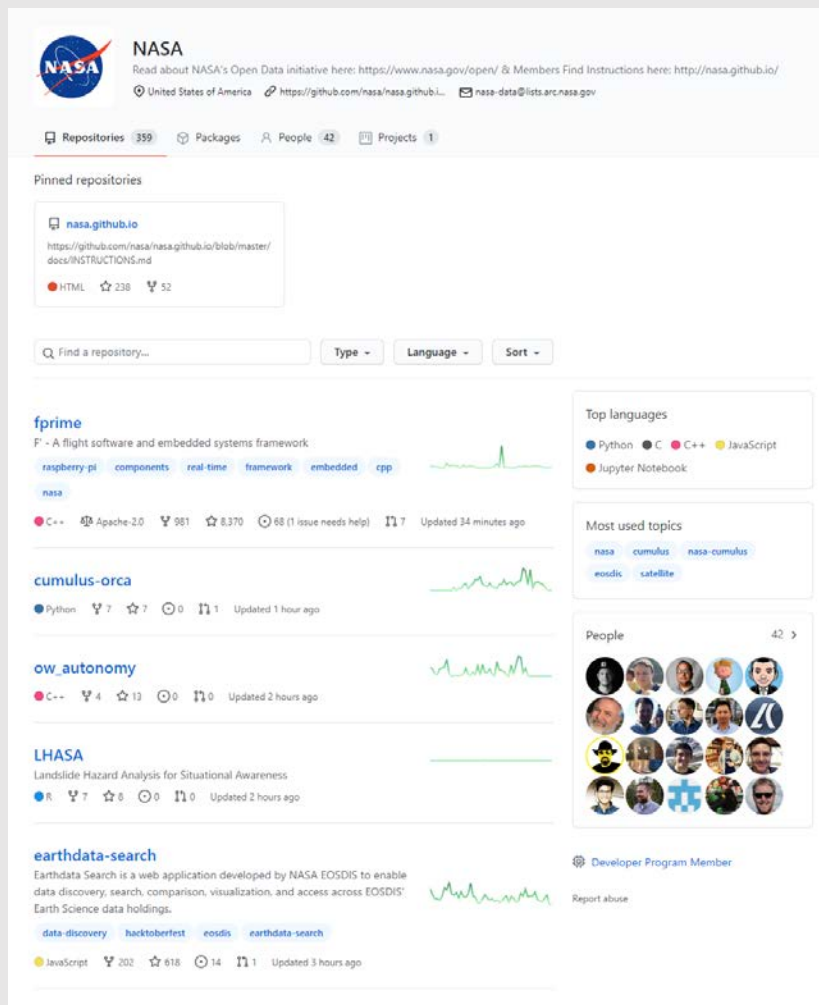
- scikit-decide**
AI framework for Reinforcement Learning, Automated Planning and Scheduling
Python 14
- ED247_LIBRARY**
Example of ED-247 standard implementation
C++ 13

Repositories

Find a repository... Type Language Sort

- ED247_LIBRARY**
Example of ED-247 standard implementation
C++ 13
- scikit-decide**
AI framework for Reinforcement Learning, Automated Planning and Scheduling
Python 14

View all repositories



NASA

Read about NASA's Open Data initiative here: <https://www.nasa.gov/open/> & Members Find Instructions here: <http://nasa.github.io/>

United States of America <https://github.com/nasa/nasa.github.io> nasa-data@lists.arc.nasa.gov

Repositories 359 Packages People 42 Projects 1

Pinned repositories

- nasa.github.io**
<https://github.com/nasa/nasa.github.io/blob/master/docs/INSTRUCTIONS.md>
HTML 238 52

Find a repository... Type Language Sort

fprime
F - A flight software and embedded systems framework
[raspberrypi](#) [components](#) [real-time](#) [framework](#) [embedded](#) [cpp](#)
[nasa](#)
C++ 8 Apache 2.0 981 8,370 68 (1 issue needs help) 17 Updated 34 minutes ago

cumulus-orca
Python 7 0 1 Updated 1 hour ago

ow_autonomy
C++ 4 13 0 0 Updated 2 hours ago

LHASA
Landslide Hazard Analysis for Situational Awareness
7 7 0 0 Updated 2 hours ago

earthdata-search
Earthdata Search is a web application developed by NASA EOSDIS to enable data discovery, search, comparison, visualization, and access across EOSDIS' Earth Science data holdings.
[data-discovery](#) [hacktoberfest](#) [eosdis](#) [earthdata-search](#)
JavaScript 202 618 14 1 Updated 3 hours ago

Top languages

- Python
- C
- C++
- JavaScript
- Jupyter Notebook

Most used topics

- [nasa](#)
- [cumulus](#)
- [nasa-cumulus](#)
- [eosdis](#)
- [satellite](#)

People 42

Developer Program Member

Report abuse

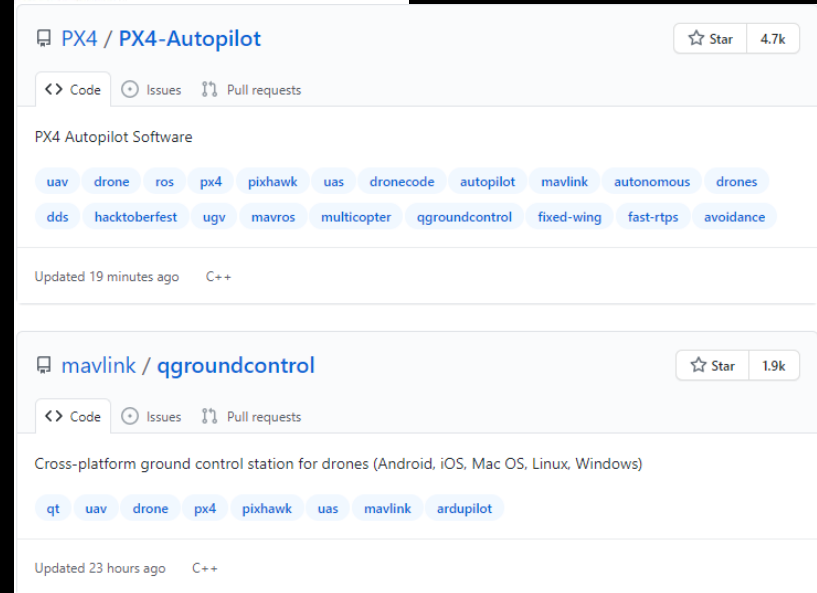
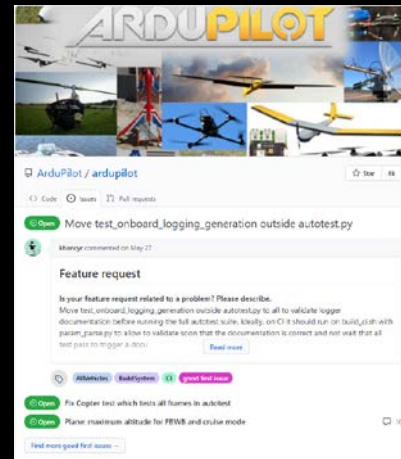
What's on GitHub?

How is it related to AAE?



Flight control softwares for UAV

Ardupilot, PX4 and more



About These Softwares

Ardupilot:

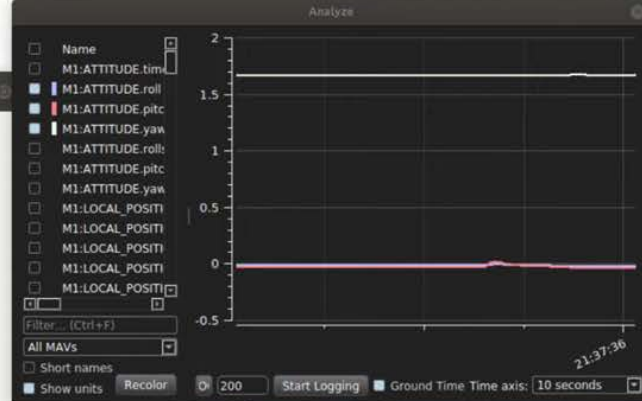
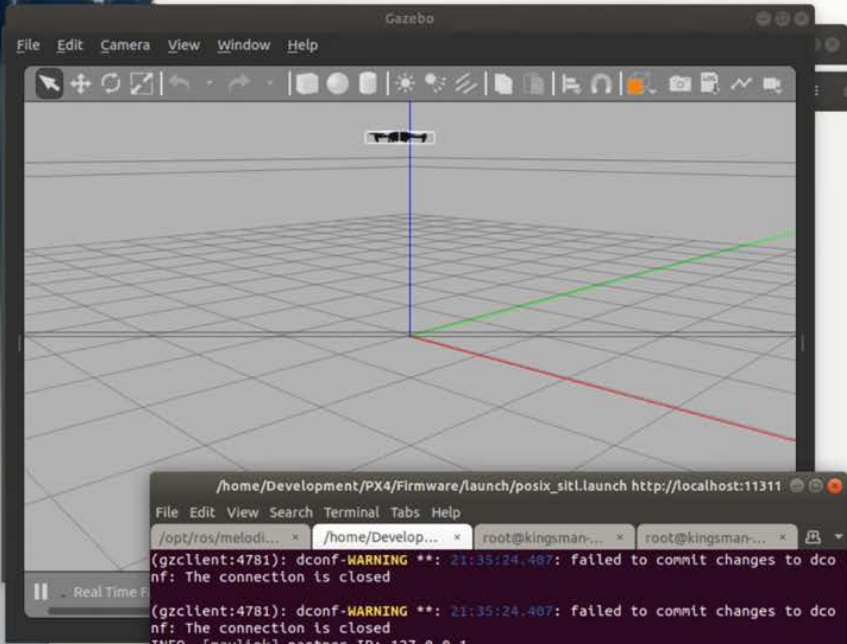
- Open source software suite
- Quadcopters, VTOL and more
- Cross platform
- Over 10 years of development and improvement



PX4:

- Also open source
- Works with QGC and MAVLink (Also available in GitHub)





```

/home/Development/PX4/Firmware/launch/posix_sitl.launch http://localhost:11311
File Edit View Search Terminal Tabs Help
/opt/ros/melodic... /home/Develop... root@kingsman... root@kingsman...
(gzclient:4781): dconf-WARNING **: 21:35:24.487: failed to commit changes to dco
nf: The connection is closed
(gzclient:4781): dconf-WARNING **: 21:35:24.487: failed to commit changes to dco
nf: The connection is closed
INFO [mavlink] partner IP: 127.0.0.1
INFO [mavlink] partner IP: 127.0.0.1
INFO [eccl/EKF] 468000: EKF aligned, (baro height, IMU buf: 22, OBS buf: 14)
INFO [eccl/EKF] 468000: reset position to last known position
INFO [eccl/EKF] 468000: reset velocity to zero
INFO [eccl/EKF] 644000: GPS checks passed (WGS-84 origin set)
INFO [vehicle_angular_velocity] updating filter, sample rate: 1000.000 Hz -> 25
0.000 Hz
INFO [vehicle_acceleration] updating filter, sample rate: 1000.000 Hz -> 250.00
0 Hz
INFO [eccl/EKF] 5188000: reset position to GPS
INFO [eccl/EKF] 5188000: reset velocity to GPS
INFO [eccl/EKF] 5188000: commencing GPS fusion

pxh>
pxh>
pxh> commander takeoff
pxh> INFO [commander] Takeoff detected
    
```

QGroundControl v3.5.6

File Widgets

Vehicle Setup

Below you will find a summary of the settings for your vehicle. To the left are the setup menus for each component.

Airframe		Sensors	
System ID	1	Compass 0	Ready
Airframe type	Quadrotor Wide	Gyro	Ready
Vehicle	3DR Iris Quadrotor	Accelerometer	Ready
Firmware Version	1.11.0dev		

Radio		Flight Modes	
Roll	Setup required	Mode switch	Setup required
Pitch	Setup required	Flight Mode 1	Unassigned
Yaw	Setup required	Flight Mode 2	Unassigned
Throttle	Setup required	Flight Mode 3	Unassigned
Aux1	Disabled	Flight Mode 4	Unassigned
Aux2	Disabled	Flight Mode 5	Unassigned

Aviation Services Engineering

Logistics and Facility
Management and more

airport

Here are 148 public repositories matching this topic...

Language: All

Sort: Best match

Ysurac / FlightAirMap

Star 388

Code Issues Pull requests

Open source project displaying live aircrafts, ships or trackers on 2D/3D map. Browse through the data based on a particular aircraft, airline, airport, tracker or vessel to search through the database or see extensive statistics. Can use ADS-B in SBS1 format (dump1090, Radarcapex...). VRS, VA (VATSIM, IVAO whazzup.txt, phpvms...). ACARS (acarsdec, acarsdeco2), APRS, AIS as datasource.

tracker cesium crash metar airport airline flight ship vatsim aircraft ivao acars
glidernet phpvms notam modes ads-b sbs vessel 3d-map

Updated on Nov 25, 2020 TSQL

felix-dumit / FSDAirportFlipLabel

Star 83

Code Issues Pull requests

UILabel like old Airport flipping labels

ios label ios-animation airport

Updated on Mar 9, 2018 Objective-C

Ivysauro / CNRT

Star 74

Code Issues Pull requests Discussions

中国轨道交通数据库（非技术类） - 另一角度看地铁 / Data base of China Rail Transit (Non-tech) - Another view of Rail Transit

bus metro payment railway china airport subway rail-transit

Updated 3 days ago SCSS

gravity-EDDS / EDDS-freeware-releases

Star 57

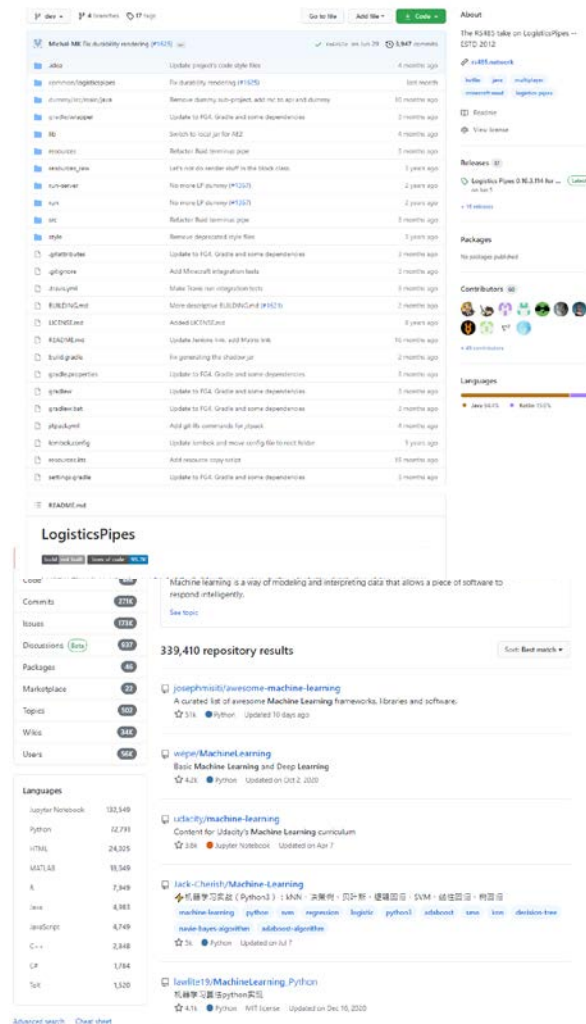
Code Issues Pull requests

Logistics and Facility Management

- Data analysis resources
- System modelling and simulations
- Logistical models

Machine learning for data analysis

- Faster analysis
- Potential extra self-learning for students
- Extremely beneficial to their careers



Aeronautical Engineering

Material, aircraft designs, CFD
and more

computational-fluid-dynamics

Here are 198 public repositories matching this topic...

Language: All Sort: Best match

doyubkim / fluid-engine-dev

Fluid simulation engine for computer graphics applications

c-plus-plus visual-studio sdlc animation computer-graphics physics-engine computational-physics

fluid-simulation-engine computational-fluid-dynamics

Updated on Apr 25 C++

CubbyFlow / CubbyFlow

Voxel-based fluid simulation engine for computer games

cplusplus cplusplus computer-graphics physics-engine computational-physics cplusplus

fluid-simulation-engine computational-fluid-dynamics

Updated 6 days ago C++

AvtechScientific / ASL

Advanced Simulation Library - hardware accelerated multiphysics simulation platform.

crystallography gpgpu scientific-computing high-performance-computing design-space-exploration

computational-fluid-dynamics virtual-sensing image-guided-surgery computer-aided-engineering

Updated on Dec 21, 2018 C++

Ioliverhennigh / Steady-State-Flow-With-Neural-Nets

A TensorFlow implementation of the paper Convolutional Neural Networks for Steady Flow Approximation

aircraft-design

Here are 21 public repositories matching this topic...

Language: All Sort: Best match

JSBSim-Team / jsbsim

XML validation

JSBSim provides schemas for XML validation (JSBSim.xml for flight models, JSBSimLib.xml for source files and JSBSimSystem.xml for system files) but they have not been updated for a while so they might reject perfectly valid XML files.

XML files can be tested with xmllint:

```
xmllint --noout --schema JSBSim.xml JSBSimLib.xml JSBSimSystem.xml
```

Aero Sandbox

by Peter Sharpe

petersharpe / AeroSandbox

Aircraft design optimization made fast through modern automatic differentiation. Plug-and-play analysis tools for aerodynamics, propulsion, structures, trajectory design, and much, much more.

python analysis optimization aerospace automatic-differentiation sympy cfd aircraft

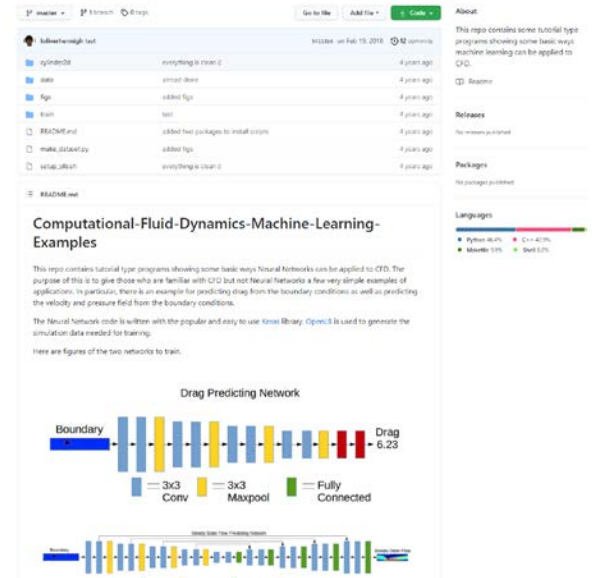
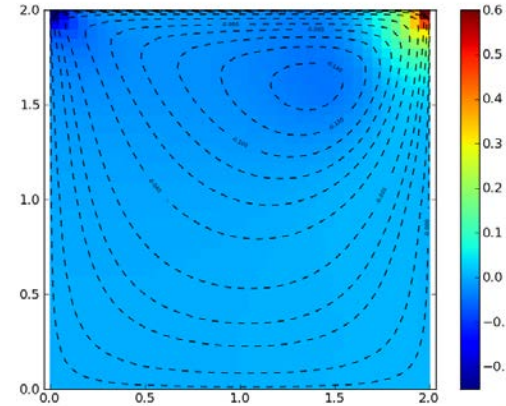
aerodynamics cfd xfoil aircraft-design matlab matlab aerodynamics-analysis 3d-print

CFD Python

- Full course for CFD Python
- Course Materials (Lectures and videos)
- Software resources

CFD and Machine Learning

- Making use of ML
- Showing how neural networks can be applied to CFD



Aircraft Maintenance

Propulsion, NDT and more

The screenshot shows the GitHub profile of the NASA Jet Propulsion Laboratory. The header includes the NASA logo, the organization's name, and its location in Pasadena, California. Below the header, there are tabs for Overview, Repositories (26), Packages, People (6), and Projects. The 'Pinned' section displays six repositories: open-source-rover, osr-rover-code, COVID-19-respirators, osr-android-app, SPOC, and spoc_lite. Each repository card shows its description, programming language, star count, and fork count. The 'Repositories' section below features a search bar and filters for Type, Language, and Sort. It lists several repositories, including itslive, LiveViewLegacy, open-source-rover, itslive-projects, sstmp, and jsd, each with a brief description and repository statistics.

NASA Jet Propulsion Laboratory
A world leader in the robotic exploration of space
Pasadena, California, US | <http://www.jpl.nasa.gov> | github@jpl.nasa.gov

Overview Repositories 26 Packages People 6 Projects

Pinned

- open-source-rover**
A build-it-yourself, 6-wheel rover based on the rovers on Mars!
Gnuplot 6.8k 1.1k
- osr-rover-code**
Code that runs on the Open Source Rover
Python 267 96
- COVID-19-respirators**
JPL designed 3D and tested printed respirators to help with the COVID-19 pandemic response.
G-code 104 18
- osr-android-app**
Android application used to control the Open Source Rover
Java 59 30
- SPOC**
A website showcasing SPOC (Soil Property and Object Classification), a deep learning-based terrain classifier for Mars rovers
HTML 6 1
- spoc_lite**
A light-weight, experimental terrain classifier for Mars rovers
C++ 7 4

Repositories

Find a repository... Type Language Sort

- itslive**
A NASA MEASURES project to provide automated, low latency, global glacier flow and elevation change datasets
Jupyter Notebook 4 MIT 0 3 11 0
- LiveViewLegacy**
Real-time tools for Imaging Spectroscopy Data
C++ 18 7 0 0 11 0
- open-source-rover**
A build-it-yourself, 6-wheel rover based on the rovers on Mars!
Gnuplot 6,785 Apache-2.0 1,104 34 (1 issue needs help) 11 8
- itslive-projects**
Jupyter Notebook 0 MIT 0 0 0 11 0
- sstmp**
Solar System Treks Mosaic Pipeline
Python 4 Apache-2.0 0 21 11 0
- jsd**
Just SOEM Drivers

Example on NDT

- Resources on the whole conference
 - 20th World Conference on Non-Destructive Testing
- Documentation and software resources
- Applying LSTM to NDT

The screenshot displays the GitHub repository interface for 'xaviergoby/LSTMforSHM'. At the top, it shows the repository name, a dropdown for the 'master' branch, and statistics for 3 branches and 0 tags. Action buttons for 'Go to file', 'Add file', and 'Code' are visible. Below this is a table of files and folders, including 'configs_and_settings', 'literature', 'results', 'src', and various scripts like '.gitignore', 'LICENSE', 'README.md', '_init_.py', 'call_mainscript.py', 'main.py', 'main_v2.py', 'main_v3_xav.py', 'p2atr.jpg', and 'settings.py'. The 'README.md' file is selected, showing its content. The title of the file is 'Sequential Modelling in Data-Driven Approach for Structural Health Monitoring by Recurrent Convolutional Neural Networks'. The content includes conference details (20th World Conference on Non-Destructive Testing, South Korea, June 2020), authors (Ewald V., Goby X., Groves R.M., & Benedictus R.), and laboratory information (TU Delft Aerospace NDT Lab). It also features a 'Usage Instruction' section, a 'Dev Progress Log-Journal, Data Characteristics & Background Information' section, and a 'Notes' section. On the right side, there are sections for 'About' (Application of LSTM network for Structural Health Monitoring & Non-Destructive Testing), 'Releases' (no releases published), 'Packages' (no packages published), 'Contributors' (xaviergoby, Alexander Xavier O'Rourke, vewald), 'Environments' (github-pages, Active), and 'Languages' (Python 100.0%).

master 3 branches 0 tags Go to file Add file Code

vewald Merge branch 'master' of https://github.com/xaviergoby/LSTMforSHM #f08291 on Oct 21, 2020 67 commits

configs_and_settings	recent work	10 months ago
literature	non-code commit	13 months ago
results	Merge branch 'master' of https://github.com/xaviergoby/LSTMforSHM	10 months ago
src	recent work	10 months ago
.gitignore	recent work	10 months ago
LICENSE	Initial commit	2 years ago
README.md	Revert "Revert "Results Update""	13 months ago
init.py	1st commit of og Vicent lstm & my data_loading script w/ data and labels	2 years ago
call_mainscript.py	Update results	10 months ago
main.py	recent work	10 months ago
main_v2.py	Merge branch 'master' of https://github.com/xaviergoby/LSTMforSHM	10 months ago
main_v3_xav.py	recent work	10 months ago
p2atr.jpg	non-code commit	13 months ago
settings.py	recent work	10 months ago

README.md

Sequential Modelling in Data-Driven Approach for Structural Health Monitoring by Recurrent Convolutional Neural Networks

Conference: 20th World Conference on Non-Destructive Testing
Location & Date: South Korea, Seoul - June 2020
Co-authors: Ewald V., Goby X., Groves R.M. & Benedictus R.
Laboratory: TU Delft Aerospace NDT Lab

Usage Instruction

In order to make use of this project all you need mainly be concerned with is the main.py Python script. In it you shall (hopefully) find yourself a more than sufficient amount of documentation in order to understand and be able to make use of it!

Dev Progress Log-Journal, Data Characteristics & Background Information

Notes:

About
Application of LSTM network for Structural Health Monitoring & Non-Destructive Testing
xaviergoby.github.io/convlstm-compu...

computer vision timeseries tensorflow
keras cnn waves lstm
supervised-learning classification shm
ultrasonic-sensor ndt
structural-engineering structural-analysis
convlstm structural-health-monitoring
lambeaves pft aircraft inspection
non-destructive-testing

Readme
MIT License

Releases
no releases published

Packages
No packages published

Contributors 2
xaviergoby Alexander Xavier O'Rourke
vewald

Environments 1
github-pages Active

Languages
Python 100.0%

Navigation and Positioning

RTKLIB, VINS, ORB_SLAM3, ROS and more

The image displays three screenshots of GitHub repository pages, illustrating navigation and positioning in a code repository.

Top Screenshot: ORB_SLAM3

- Repository: `UZ-SLAMLab / ORB_SLAM3`
- Navigation: `< Code` (selected), Issues (188), Pull requests (37), Actions, Projects, Wiki, Security, Insights.
- Branches: `master` (selected), 1 branch, 2 tags.
- Files: A list of files including `richard-where README.md updated`, `Examples`, `Thirdparty`, `Vocabulary`, `evaluation`, `include`, `src`, `gflags`, `CMakeLists.txt`, `Changelog.md`, `Dependencies.md`, `LICENSE`, `README.md`, `build.sh`, and `build_ios.sh`.
- About: ORB_SLAM3: An Accurate Open-Source Library for Visual, Visual-Inertial and Multi-Map SLAM.
- Releases: 2 tags.
- Packages: No packages published.
- Contributors: 4 contributors.

Middle Screenshot: tomojitaku / RTKLIB

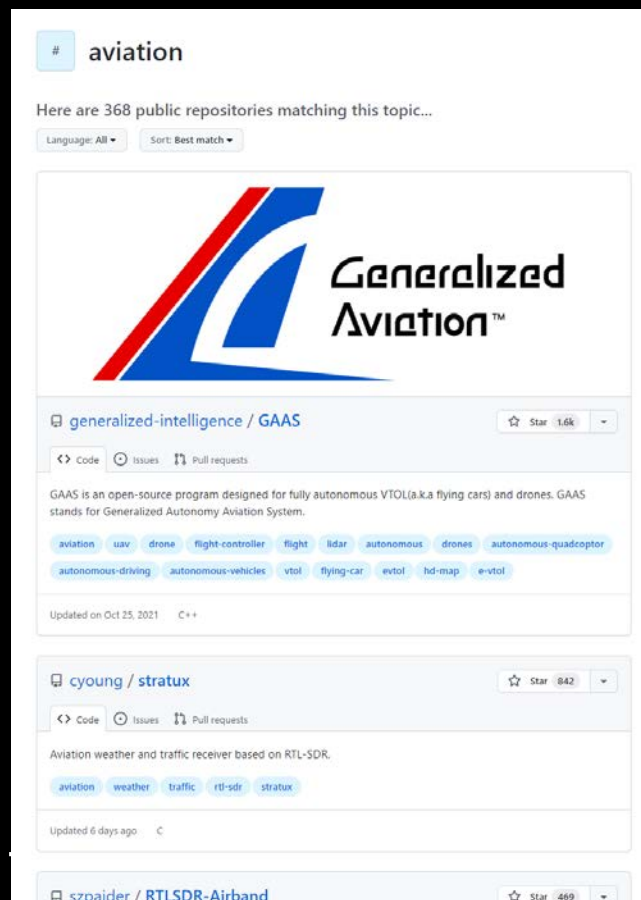
- Repository: `tomojitaku / RTKLIB`
- Navigation: `< Code` (selected), Issues (303), Pull requests (39), Actions, Projects, Wiki, Security, Insights.
- Branches: `master` (selected), 2 branches, 3 tags.
- Files: A list of files including `app`, `bin`, `brd`, `data`, `doc`, `lib`, and `src`.
- About: No description, website, or topics provided.
- Releases: 3 releases, including `RTKLIB ver. 2.4.3 b34` (Latest) on 6 Jan.
- Packages: 15 published.

Bottom Screenshot: HKUST-Aerial-Robotics / VINS-Mono

- Repository: `HKUST-Aerial-Robotics / VINS-Mono`
- Navigation: `< Code` (selected), Issues (25), Pull requests (4), Actions, Projects, Wiki, Security, Insights.
- Branches: `master` (selected), 3 branches, 0 tags.
- Files: A list of files including `vr_demo`, `benchmark_publisher`, `camera_model`, `config`, `docker`, `feature_tracker`, `pinv_graph`, `support_files`, `vins_estimator`, `gflags`, `LICENSE`, and `README.md`.
- About: A Robust and Versatile Monocular Visual-Inertial State Estimator.
- Releases: No releases published.
- Packages: No packages published.
- Contributors: 5 contributors.
- Languages: C++ 91.0%, C 8.0%, Other 1.0%.

Repository Examples

- UAV Powering Programmes
- Weather and Traffic Receiver
- Radio demodulator
- Proximity awareness systems
- Traffic visualization
- And more!!
- <https://github.com/topics/aviation>



Other related Repositories

- UAV simulation platforms
- ADS-B Decoder
- Aircraft design optimization
- Aircraft design toolbox
- <https://github.com/topics/aircraft>

Explore in your free time and you might find out something interesting!

The screenshot shows the GitHub search results for the topic "aircraft". At the top, it says "Here are 287 public repositories matching this topic...". Below this, there are filters for "Language: All" and "Sort: Best match". The first repository listed is "wiedehopf / tar1090" with 582 stars. It provides an improved webinterface for use with ADS-B decoders readsb / dump1090-fa. The second repository is "JSBSim-Team / jsbsim" with 504 stars. It has an "Open" status and a comment about XML validation. The comment states that JSBSim provides schemas for XML validation but they have not been updated for a while, so they might reject perfectly valid XML files. It also provides a command to test XML files: `> xmllint --noout --schema JSBSim.xsd file.xml`. The third repository is "robin-shaun / XTDrone" with 418 stars, described as a UAV Simulation Platform based on PX4, ROS and Gazebo.

aircraft

Here are 287 public repositories matching this topic...

Language: All Sort: Best match

wiedehopf / tar1090 Star 582

<> Code Issues Pull requests

Provides an improved webinterface for use with ADS-B decoders readsb / dump1090-fa

sdr rtl-sdr webinterface aircraft ads-b adsb rtsdr 1090 readsb 1090mhz

Updated 3 days ago JavaScript

JSBSim-Team / jsbsim Star 504

<> Code Issues Pull requests Discussions

Open XML validation 16

bcoconni commented on Jan 12, 2019

JSBSim provides schemas for XML validation (jsbsim.xsd for flight models, jsbsimScript.xsd for script files and jsbsimSystem.xsd for system files) but they have not been updated for a while so they might reject perfectly valid XML files.

XML files can be tested with xmllint

```
> xmllint --noout --schema JSBSim.xsd file.xml
```

Read more

bug help wanted good first issue

robin-shaun / XTDrone Star 418

<> Code Issues Pull requests

UAV Simulation Platform based on PX4, ROS and Gazebo

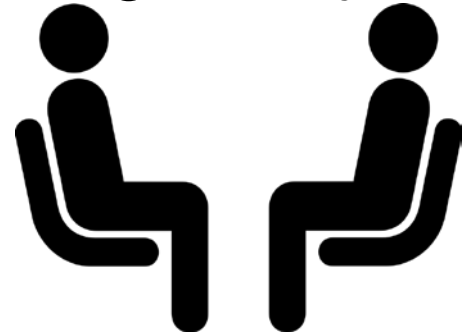


<https://www.youtube.com/watch?v=w3jLJU7DT5E>

For Your Career 

GitHub Facilitated Job Hunting

- A online digital profile for students
 - Indicating interests
 - Show past work
 - Roadmap of students' development career
- Let people know that you are looking for a job
- During job hunting
 - Better first impression
 - Better understanding
 - Appears more enthusiastic



Develop Personal Profiles Starting from AAE UG

maxystory

Follow

Overview

Repositories

Projects

Packages

Popular repositories

Firmware

Forked from PX4/PX4-Autopilot

PX4 Autopilot Software

C++

AirSim

Forked from microsoft/AirSim

Open source simulator for autonomous vehicles built on Unreal Engine / Unity, from Microsoft AI & Research

fastrrps

ryan

Queenie

queenie-ho

Navigation&Positioning
-Experienced in UAS, HD maps and computer vision -Focusing on visual odometry and autonomous ground vehicle

Edit profile

0 followers · 0 following · 1

The Hong Kong Polytechnic University
Hong Kong

Organizations

Overview

Repositories

Projects

Packages

Popular repositories

You don't have any public repositories yet.

66 contributions in the last year

Aug

Sep

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

Jul

Mon

Tue

Fri

Learn how we count contributions

Less

More

Contribution activity

July 2021

2021

2020

Created 12 commits in 5 repositories

queenie-ho/Calibrated-Camera-Data

4 commits

queenie-ho/FYP-PathPlanning

3 commits

tungtunganyanFYP17

3 commits

queenie-ho/Vins

1 commit

queenie-ho/ORB_SLAM3

1 commit

Created 3 repositories

queenie-ho/Calibrated-Camera-Data

Shell

Feb

Mar

Apr

May

Jun

Jul

Less

More

2021

2020

for this period.

y



B.X.W
baabw

Follow

Visual SLAM GNSS

As 8 followers · 15 following · ☆ 42

Intelligent Positioning and Navigation L...
Hong Kong

Achievements



Block or Report

Overview Repositories 33 Projects Packages

Popular repositories

remoteSensing2020

Improved VINS based on the adaptive covariance and adaptive M-estimator

● C++ 4 ☆ 2 🗲 2

vins-application

Forked from engangvins-application

VINS-Mono and Fusion application of different sets of cameras and imu on different board including desktop and jetson xavier

● C++ ☆ 1

CV_GNSS

Forked from weisongwen/CV_GNSS

CV Aided GNSS

● C++

ios_logger

Forked from Vanvarios_logger

Application for camera and sensor data logging (iOS)

● Objective-C++ ☆ 1

catkin

Original vins-fusion for validation some data. The related path has been revised to ourself path.

● C++ ☆ 1 🗲 1

tutorials

128 contributions in 2020



Learn how we count contributions

Less More

Activity overview

Contributed to [weisongwen/researchTools](#).

Code review

Up to Phd Studies



Darren Wong
DarrenWong

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move fast

As 18 followers · 16 following · ☆ 95

Hong Kong

darrenwongf@gmail.com

Achievements



Organizations



Block or Report

Overview Repositories 24 Projects Packages

Pinned

e3372-web-management

Getting HUAWEI E3372 info with official API, such as device info, data switch and send sms etc

● CSS ☆ 8 🗲 2

weisongwen/UrbanNavDataset

UrbanNav: an Open-Sourcing Localization Data Collected in Asian Urban Canyons, Including Tokyo and Hong Kong

☆ 129 🗲 32

protobuf-over-nanomsg-example

Protobuf over nanomsg (C++ as server, and nodejs as client)

● C++

98 contributions in the last year



Learn how we count contributions

Less More

[@IPNL-POLYU](#)

[@HKUST-Aerial-Robotics](#)

Activity overview

Contributed to [IPNL-POLYU/UrbanNavDataset](#),
[IPNL-POLYU/ipnl-sensor-kit](#),
[DarrenWong/benchmark_lo](#)
and 5 other repositories

Code review

100% 0 Issues



Seph Soliman
scarlac

Follow

Tattooed, Bitbucket, Konstellation.
Software entrepreneur, developer
and true full stack developer.

64 followers · 7 following · 71

Tesla
San Francisco
<https://www.seph.dk>

Achievements



Organizations



Block or Report

Overview Repositories 38 Projects Packages

Pinned

js-stopwatch

Javascript Stopwatch class. Output can be controlled using a simple callback.

JavaScript 24 7

ClamshellOpen

App to allow running your laptop in clamshell mode with an open lid for Lion (10.7) and Mountain Lion (10.8)

Objective-C 5

d3d-strategy

Exam assignment to write a C# program. I chose to write a Direct 3D Strategy game. Graphics for this game was borrowed from C&C: Red Alert. For legal reasons, they are not included in the repository.

C# 2

drag-check-js

Library for checking multiple checkboxes by click-and-dragging over them. Paint your selection!

JavaScript 21 9

chargenow

See DriveNow EVs in your area that needs charging. First react project.

JavaScript 1

lolpause

MacOS utility app to pause League of Legends GUI Flash client while game is activate to lower CPU consumption

Objective-C 1

44 contributions in 2021



Contribution activity

August 2021



Jonathan Hall
flimzy

You can also find me on GitHub:
<https://github.com/flimzy>

Follow

139 followers · 32 following · 45

Amsterdam, NL
<https://jhal.li/>
@DevOpsHabits

Highlights

Arctic Code Vault Contributor

Organizations



Overview Repositories 79 Projects Packages

Popular repositories

anki

Go library to read Anki *.apkg files

Go 16 3

onload

Onload handler for GopherJS without the bloat of jQuery

Go 10 1

minimal-pairs

Tool for finding minimal pairs given a corpus of words

HTML 5 1

go-pouchdb

GopherJS bindings for PouchDB. NOTICE: this package has been superseded by <https://github.com/go-kivik/kivik>

Go 13 1

go-sqljs

GopherJS bindings for SQL.js

Go 9

jsblob

GopherJS bindings for JavaScript Blob objects

Go 3

977 contributions in the last year



Contribution activity

2020



Jonathan Hall
flimzy

You can also find me on GitHub:
<https://github.com/flimzy>

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Highlights

Arctic Code Vault Contributor



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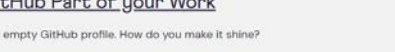
Go 9

jsblob

GopherJS bindings for JavaScript Blob objects

Go 3

977 contributions in the last year



Learn how we count contributions.

Less More

2020

Making GitHub Part of your Work

Now you have an empty GitHub profile. How do you make it shine?

The following tips are roughly organized according to effort. Practically anyone can implement at least some of them. The later suggestions will be more discretionary, depending on your interests and time.

Star interesting projects

Whenever you run across a GitHub project that piques your interest, "star" it. Your starred projects appear on your public profile, and if nothing else, they provide recruiters and hiring managers an indication of what sorts of projects you find interesting.

Follow interesting people

GitHub also allows you to follow interesting people, and these people will appear on your public profile, as well. In addition to signaling to the world whom you find interesting, when people you follow make contributions to their projects, you will

What Will You will Learn and Experience?



- Pull Request (Basic Features)
 - Allowing leaders to **double check** modifications done by teammates
- Code Synchronization (Version Control on Web, VS, MATLAB etc)
 - Ensuring everyone is working on the **latest** code version
- Self-learning using GitHub resources
- Look for interesting issues on GitHub