



AAE1001 - Introduction to Artificial Intelligence and Data Analytics in Aerospace and Aviation Engineering

Week 9 – What's GitHub?

Dr. Guohao Zhang, Assisted by

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Mr Penghui XU, and Mr Zekun ZHANG

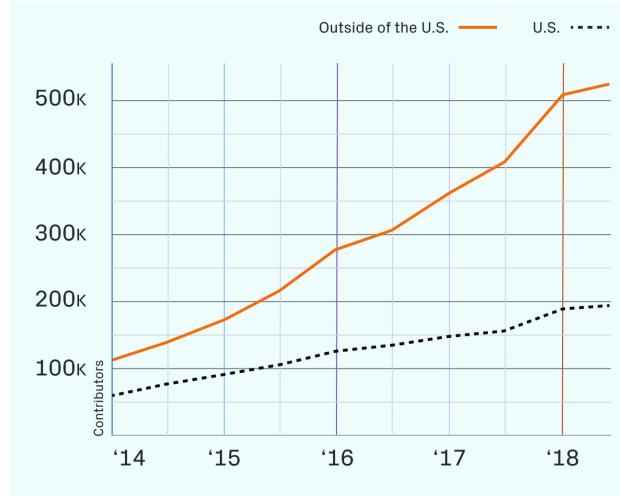
What is Github?



- 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.  <https://www.tesla.com/> 

Repositories 45 **Packages** **People** 12 **Projects**

kafka-helmisman
kafka-helmisman is a repository of tools that focus on automating a Kafka deployment.
● Java MIT 18 56 2 (1 issue needs help) 11 Updated 11 hours ago

perf_data_converter
Forked from google/perf_data_converter
Tool to convert Linux perf files to the protofile format used by pprof
● C++ BSD-3-Clause 45 1 0 10 Updated 12 days ago

react-native-camera-kit
A high performance, easy to use, rock solid camera library for React Native apps.
● Objective-C MIT 342 1,444 22 6 Updated 13 days ago

fixed-containers
C++ Fixed Containers
● C++ MIT 50 3 0 0 Updated on Jul 1

mongo-go-driver
Forked from mongo/mongo-go-driver
The Go driver for MongoDB
● Go Apache-2.0 670 2 0 2 Updated on Jun 29

coreboot
Coreboot sources
● C GPL-2.0 12 52 0 0 Updated on Jun 15

linux
Linux sources
● C GPL-2.0 937 0 2 Updated on Jun 15

ansible nrunner

Google  Google ❤️ Open Source
<https://opensource.google/>  @GoogleOSS  opensource@google.com 

Repositories 2.1k **Packages** **People** 1.2k **Projects**

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) 0 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 TFLite TFLM

pytype
A static type analyzer for Python code
● Python typechecker types static-code-analysis linter static-analysis typing

trax
Trax — Deep Learning with Clear Code and Speed
● Python reinforcement-learning deep-learning numpy deep-reinforcement-learning transformer jax

pigweed
microcontroller embedded cpp embedded-systems mcu
● C++ Apache-2.0 7 31 0 0 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

BIG GitHub Pages

Boeing

Overview Repositories 5 Packages People Projects

Popular repositories

modular_navigation	modular_cartographer
● C++ ⭐ 6 🏷 6	● C++ ⭐ 5 🏷 5
carotager	mathed
● C++ ⭐ 5 🏷 3	● Python ⭐ 2 🏷 1
image_tran	
● C++ 🏷 1	

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	ED247_LIBRARY
AI framework for Reinforcement Learning, Automated Planning and Scheduling	Example of ED-247 standard implementation
● Python ⭐ 14 🏷 10	● C++ ⭐ 13 🏷 7
ED247_LIBRARY	
Example of ED-247 standard implementation	
● C++ ⭐ 13 🏷 7 ○ 3 1	
scikit-decide	
AI framework for Reinforcement Learning, Automated Planning and Scheduling	
● Python ⭐ 14 🏷 MIT 🏷 10 ○ 2 1	

Repositories

Find a repository... Type Language Sort

ED247_LIBRARY

Example of ED-247 standard implementation

scikit-decide

AI framework for Reinforcement Learning, Automated Planning and Scheduling

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

raspberry-pi components real-time framework embedded cpp nasa

● C++ Apache-2.0 🏷 981 ⭐ 8,370 ○ 68 (1 issue needs help) 7 Updated 34 minutes ago

cumulus-orca

● Python 🏷 7 ⭐ 7 ○ 0 1 Updated 1 hour ago

ow_autonomy

● C++ 🏷 4 ⭐ 13 ○ 0 10 Updated 2 hours ago

LHASA

Landslide Hazard Analysis for Situational Awareness

● R 🏷 7 ⭐ 8 ○ 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

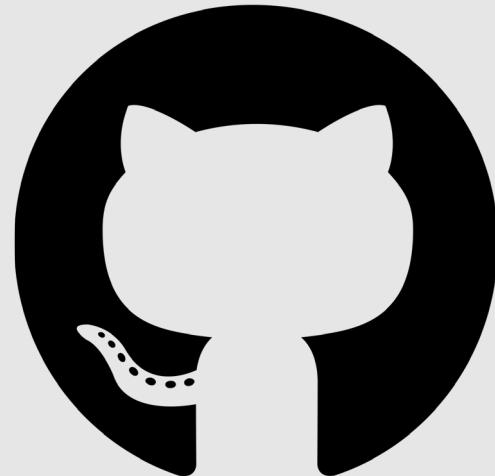
nasa cumulus nasa-cumulus eosdis satellite

People

Developer Program Member

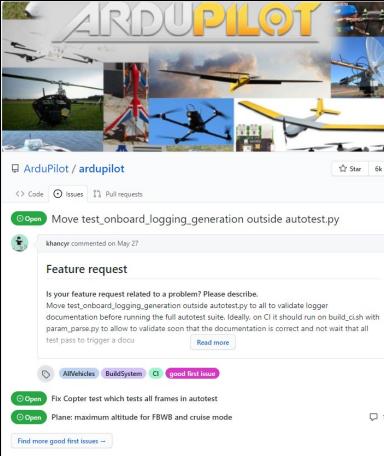
Report abuse

What's on GitHub? How is it related to AAE?

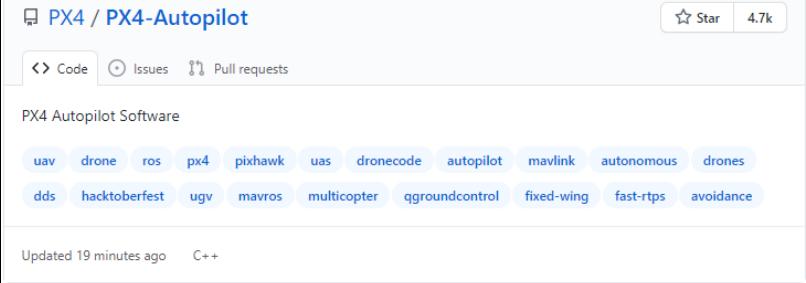


Flight control softwares for UAV

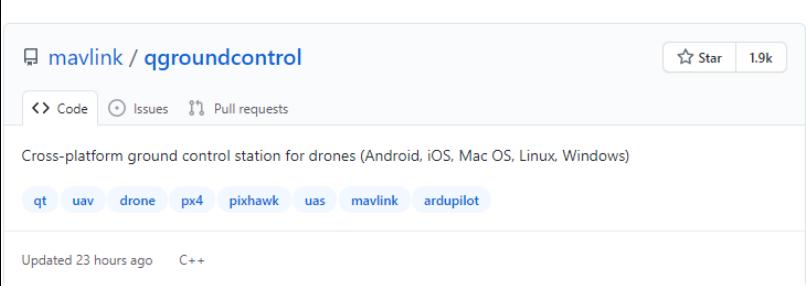
Ardupilot, PX4 and more



The screenshot shows the ArduPilot GitHub repository page. At the top, there's a collage of various UAVs and flight equipment. Below the header, a feature request titled "Move test_onboard_logging_generation outside autotest.py" is displayed. The request was made by "Mancy" on May 27. The description explains that the feature request is related to validating logger documentation. It includes a "Read more" link and several labels: "ATVehicles", "BuildSystem", "good first issue", "Fix Copter test which tests all frames in autotest", and "Plane: maximum altitude for FBWB and cruise mode". There are also links to "Find more good first issues" and a "Star" button with 6k stars.



The screenshot shows the PX4 GitHub repository page. The title is "PX4 / PX4-Autopilot". It features a "Code" tab, an "Issues" tab, and a "Pull requests" tab. Below the tabs, there's a section for "PX4 Autopilot Software" with various tags: uav, drone, ros, px4, pixhawk, uas, dronecode, autopilot, mavlink, autonomous, drones, dds, hacktoberfest, ugv, mavros, multicopter, qgroundcontrol, fixed-wing, fast-rtps, avoidance. A timestamp "Updated 19 minutes ago" and a "C++" language indicator are shown. A "Star" button with 4.7k stars is also present.



The screenshot shows the mavlink/qgroundcontrol GitHub repository page. The title is "mavlink / qgroundcontrol". It has a "Code" tab, an "Issues" tab, and a "Pull requests" tab. The description states: "Cross-platform ground control station for drones (Android, iOS, Mac OS, Linux, Windows)". Below the description are tags: qt, uav, drone, px4, pixhawk, uas, mavlink, ardupilot. A timestamp "Updated 23 hours ago" and a "C++" language indicator are shown. A "Star" button with 1.9k stars is also present.

About These Softwares

Ardupilot:

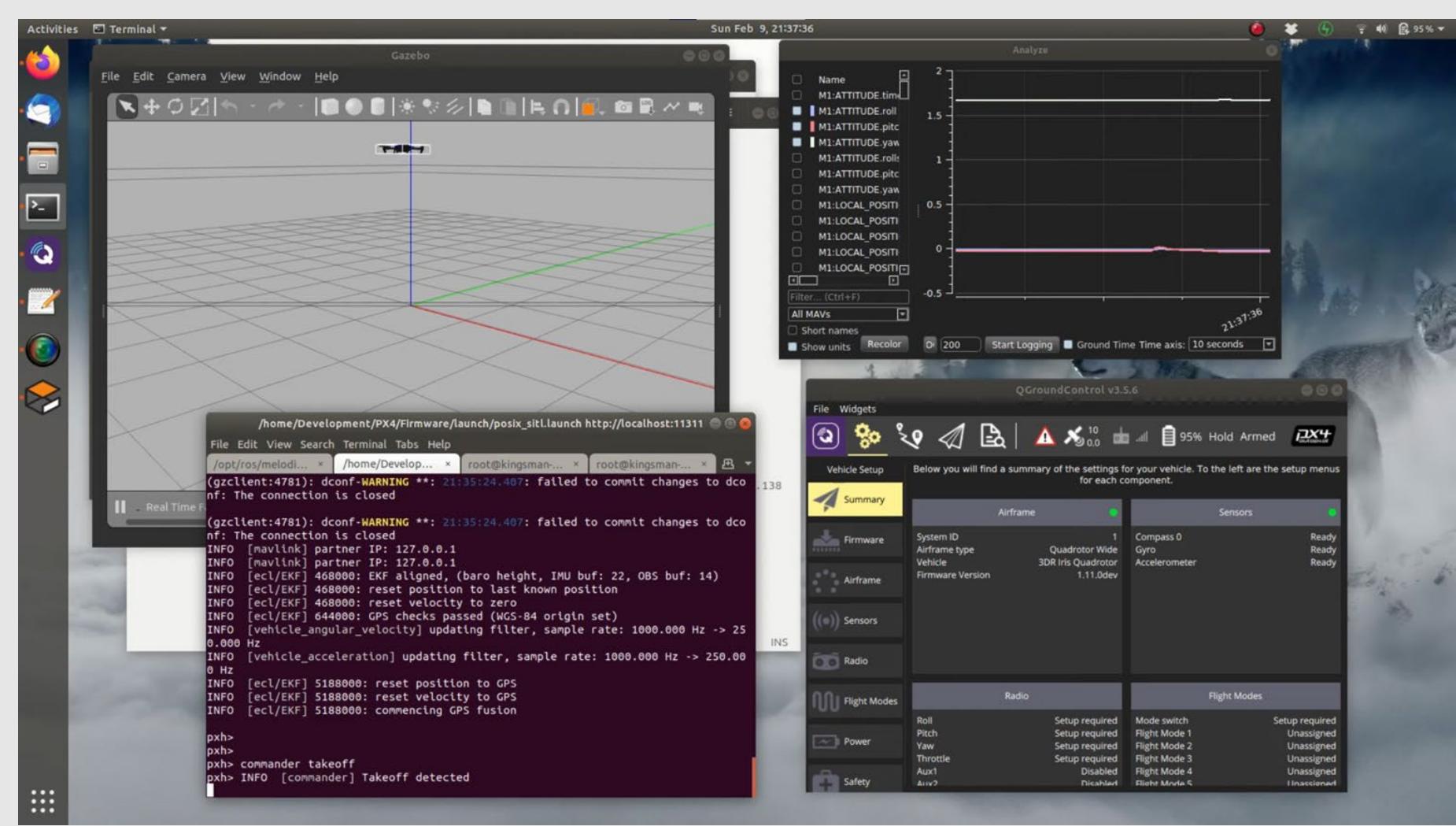
- Open source software suite
- Quadcopters, VTOL and more
- Cross platform
- Over 10 years of development and improvement



PX4:

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





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

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, Radarcap...), 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 glidermet phpvms notam modes ads-b sbs vessel 3d-map

Updated on Nov 25, 2020 TSQL

felix-dumit / FSDAirportFlipLabel

Code Issues Pull requests

UILabel like old Airport flipping labels

ios label ios-animation airport

Updated on Mar 9, 2018 Objective-C

Ivysauro / CNRT

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

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

The screenshot shows two main sections. On the left is a GitHub repository page for 'LogisticsPipes'. It displays a list of commits from Michal MK, showing changes to files like 'idea', 'common/logisticspipes', 'dummy/src/main/java', and 'style'. The repository has 4 branches and 17 tags, with 3,947 commits. On the right is a search results page for 'Machine Learning' on GitHub. The top navigation bar shows 'Go to file', 'Add file', 'Code', 'About', and 'The RS485 take on LogisticsPipes -- ESTO 2012'. Below the navigation are sections for 'Readme', 'View license', 'Releases' (with one release listed), 'Packages' (none), 'Contributors' (49 contributors), and 'Languages' (Java 54.4%, Kotlin 15.6%). The main search results area shows 339,410 repository results. Some examples include 'josephmisi/awesome-machine-learning' (a curated list of awesome Machine Learning frameworks, libraries and software), 'weige/MachineLearning' (Basic Machine Learning and Deep Learning), 'udacity/machine-learning' (Content for Udacity's Machine Learning curriculum), 'Jack-Cherishy/Machine-Learning' (in Chinese), and 'javawithe19/MachineLearning_Python' (机器学习真Python实现). Each result includes a thumbnail, name, description, programming language, and update date.

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 sdk 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

c-plus-plus cpp computer-graphics physics-engine computational-physics cpp17 fluid-simulation-engine computational-fluid-dynamics

Updated 6 days ago C++

AvtechScientific / ASL

Advanced Simulation Library - hardware accelerated multiphysics simulation platform.

cryptology 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++

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

A Tensorflow re-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

brcormi commented on Jan 12, 2019

JSBSim provides schemas for XML configuration (.35851e.xlsx for flight models, .35851eScript.xlsx for script files and .35851eSystem.xlsx 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 35851e.xlsx --validate file.xml
```

Read more

bug fix wanted good first issue

Aero Sandbox

Aero Sandbox by Peter Sharpe

peterdsharp / 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 airplane cfd aircraft aerodynamics vlm vtol aircraft-design mdo mdoe aerodynamic-analysis 3d-panel

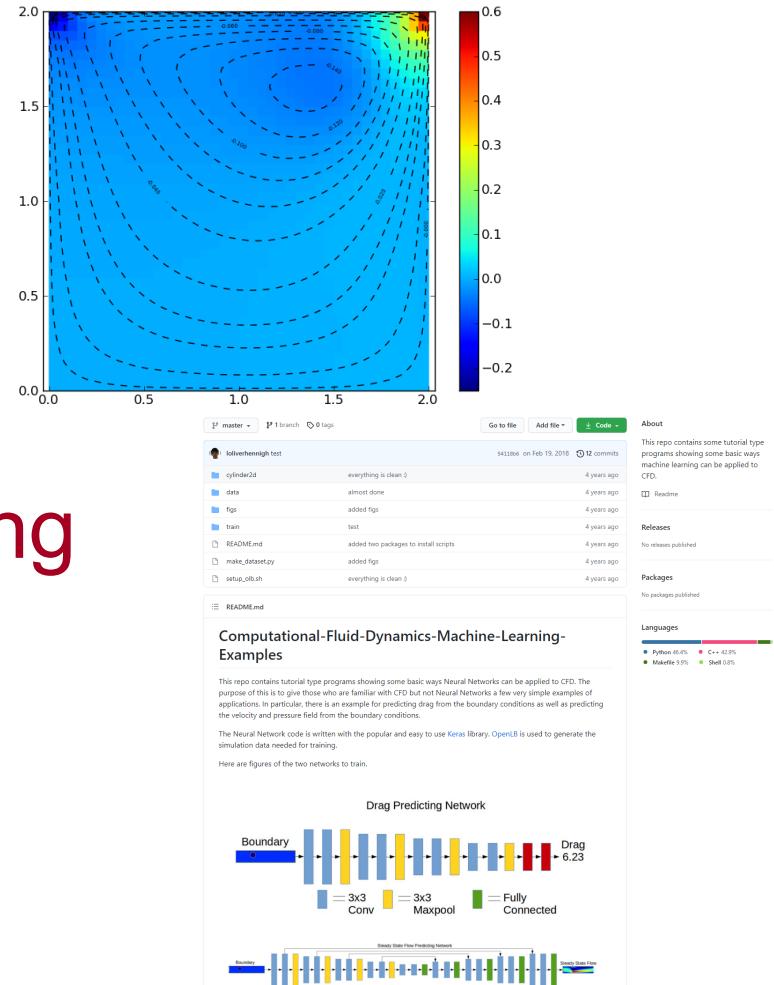
Updated 4 days ago Sponsor Star 236

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

191 results (197 ms) Sort by: Most stars ⚡ Save ⚡

archd3sai/Predictive-Maintenance-of-Air ⚡ Star

In this project I aim to apply Various Predictive Maintenance Techniques to accurately predict the impending failure of an aircraft turbo...

regression classification cnn-keras
lstm-neural-networks feature-importance

Jupyter Notebook · ⭐ 98 · Updated on 2022年8月4日

matthiaslau/Turbofan-Federated-Learning ⚡ S

Proof of concept on a predictive maintenance use case using federated learning to continuously improve predictions of the remaining lifet...

Jupyter Notebook · ⭐ 82 · Updated on 5月10日

xaviergobyo/Deep-Learning-and-Compute ⚡ S

Incorporating Inductive Bias into Deep Learning: A Perspective from Automated Visual Inspection in Aircraft Maintenance

machine-learning deep-learning aerospace
crack-detection structural-health-monitoring

Python · ⭐ 42 · Updated on 2020年3月14日

Azure/cortana-intelligence- Public archive ⚡ S

Predict the remaining useful life of aircraft components in order to reduce component repair costs, improve component stock availability....

⭐ 27 · Updated on 2018年10月1日

oafbot/ebmschedule ⚡ Star

Optimization algorithms to solve the general problem of Optimal Maintenance Scheduling for Aircraft or other types of vehicles when there...

Python · ⭐ 7 · Updated on 2013年1月4日

adesgautam/AirML ⚡ Star

Using machine learning in the aircraft maintenance industry

machine-learning django scikit-learn
django-framework python3

CSS · ⭐ 5 · Updated on 2020年11月16日

TapanSoni/Predictive-Maint Public archive ⚡ Star

Codebase for the Predictive Maintenance System for Naval Aircraft Engines. Produced for ASRC Federal Mission Solutions.

Python · ⭐ 5 · Updated on 2019年10月2日

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 shows a GitHub repository page for 'LSTMforSHM'. The repository has 67 commits across 3 branches and 0 tags. The codebase includes files like config_and_settings.py, literature.py, results.py, and main.py. The README.md file describes a Sequential Modelling in Data-Driven Approach for Structural Health Monitoring by Recurrent Convolutional Neural Networks. The repository is associated with the 20th World Conference on Non-Destructive Testing. It uses Python 100% and is published via GitHub Pages.

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

Code

master 3 branches 0 tags Go to file Add file Code

vewald Merge branch 'master' of https://github.com/xaviergoby/LSTMforSHM 0f00291 on Oct 21, 2020 67 commits

configs_and_settings recent work 10 months ago

literature non-code commit 13 months ago

Merge branch 'master' of https://github.com/xaviergoby/LSTMforSHM 10 months ago

results recent work 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

MIT License

Releases
No releases published

Packages
No packages published

Contributors 2
xaviergoby Alexander Xavier O'Rour...
vewald

Environments 1
github-pages Active

Languages
Python 100.0%

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:

Navigation and Positioning

RTKLIB, VINS, ORB_SLAM3,
ROS and more

[UZ-SLAMLab / ORB_SLAM3](#)

Code Issues Pull requests Actions Projects Wiki Security Insights

master 1 branch 2 tags Go to file Add file + ↗ Code

Richard-elvira Readme.md updated 89317de on 21 Apr 2021 49 commits

- Examples V0.4: Beta version, 21 April 2021 3 months ago
- Thridparty V0.4: Beta version, 21 April 2021 3 months ago
- Vocabulary Added code 13 months ago
- evaluation Fixed identation error 12 months ago
- include V0.4: Beta version, 21 April 2021 3 months ago
- src V0.4: Beta version, 21 April 2021 3 months ago
- .gitignore Updated to V0.3beta 11 months ago
- CMakelists.txt V0.4: Beta version, 21 April 2021 3 months ago
- Changelog.md V0.4: Beta version, 21 April 2021 3 months ago
- Dependencies.md Updated to V0.3beta 11 months ago
- LICENSE First commit 13 months ago
- README.md Readme.md updated 3 months ago
- build.sh Added code 13 months ago
- build_ros.sh Added code 13 months ago

About ORB-SLAM3: An Accurate Open-Source Library for Visual, Visual-Inertial and Multi-Map SLAM
slam-algorithms
Readme
GPL-3.0 License

Releases 2 tags

Packages No packages published

Contributors 4

- richard-elvira Richard Elvira
- jttardos Juan D. Tardos
- lgr3496 Juan José Gómez Rodríguez

Watch 290 Star 1.6k Fork 1

[tomojitakasu / RTKLIB](#)

Code Issues Pull requests Actions Projects Wiki Security Insights

master 2 branches 3 tags Go to file Add file + ↗ Code

tomojitakasu rtklib 2.4.2 p13 71db0ff on 30 Jan 2018 69 commits

- app rtklib 2.4.2 p13 4 years ago
- bin rtklib 2.4.2 p11 5 years ago
- brd RTKLIB 2.4.2 8 years ago
- data rtklib 2.4.2 p11 7 years ago
- doc RTKLIB 2.4.2 8 years ago
- lib RTKLIB 2.4.2 8 years ago
- src unix ambiguity between gps and qzss 4 years ago
- test RTKLIB 2.4.2 8 years ago

About No description, website, or topics provided.
Readme

Releases 3

- RTKLIB ver. 2.4.3 b34 (Latest)
- + 2 releases

Packages

Watch 217 Published 165

[HKUST-Aerial-Robotics / VINS-Mono](#)

Code Issues Pull requests Actions Projects Wiki Security Insights

master 3 branches 0 tags Go to file Add file + ↗ Code

shaoze update readme 4c032e4 on 21 Mar 2019 76 commits

- ar_demo fix ar_demo image interface 3 years ago
- benchmark_publisher another warning 4 years ago
- camera_model add EgoCam create 4 years ago
- config Merge branch 'master' of github.com:HKUST-Aerial-Robotics/VINS-Mono 2 years ago
- docker update docker 2 years ago
- feature_tracker add realSense config; avoid imu disorder; fix relocalization insula... 4 years ago
- pose_graph add docker 2 years ago
- support_files modify readme 3 years ago
- vins_estimator user-friendly updates 2 years ago
- .gitignore user-friendly updates 2 years ago
- LICENCE modify README 4 years ago
- README.md update readme 2 years ago

README.md

VINS-Mono

A Robust and Versatile Monocular Visual-Inertial State Estimator

languages

- C++ 92.0%
- CMake 6.9%
- Other 0.9%

Repository Examples

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

The screenshot shows the GitHub search interface with the query '# aviation'. It displays 368 public repositories matching the topic. The first repository listed is 'generalized-intelligence / GAAS', which is described as an open-source program for fully autonomous VTOL (a.k.a. flying cars) and drones. The repository has 1.6k stars. The second repository listed is 'cyoung / stratus', which is an aviation weather and traffic receiver based on RTL-SDR, with 842 stars. The third repository listed is 'szpaider / RTLSDR-Airband', which is related to RTL-SDR and airband communication, with 469 stars.

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 interface for the topic '# aircraft'. It displays three repository cards:

- wiedehopf/tar1090**: Provides an improved webinterface for use with ADS-B decoders. Stars: 582. Updated 3 days ago. JavaScript.
- JSBSim-Team/jsbsim**: Provides schemas for XML validation. Stars: 504. An open issue about XML validation is shown, commented on by bcoconni on Jan 12, 2019. XML files can be tested with xmllint. Stars: 504. Updated 3 days ago. JavaScript.
- robin-shaun/XTDrone**: UAV Simulation Platform based on PX4, ROS and Gazebo. Stars: 418. Updated 3 days ago. C++.



<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

The image shows two GitHub user profiles side-by-side.

Top Profile (maxstory):

- Profile Picture:** A fluffy orange cat.
- Username:** maxstory
- Follow Button:** A white "Follow" button with a black outline.
- Popular Repositories:**
 - Firmware**: Forked from PX4/PX4-Autopilot. C++.
 - AirSim**: Forked from microsoft/AirSim. Open source simulator for autonomous vehicles built on Unreal Engine / Unity, from Microsoft AI & Research.
- Header Navigation:** Overview, Repositories (3), Projects, Packages.

Bottom Profile (ryan):

- Profile Picture:** A cartoon yellow dog head with blue ears and a blue border.
- Username:** ryan
- Contributions Grid:** A 12x12 grid showing contributions by month and day. Labels include Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, Jun, Jul, Mon, Wed, Fri.
- Contribution Summary:** 66 contributions in the last year.
- Contribution Settings:** A dropdown menu.
- Contribution Activity:** A timeline showing activity from July 2021 to 2020. It lists commits made in July 2021.
- Recent Activity:**
 - Created 12 commits in 5 repositories:** queenie-ho/Calibrated-Camera-Data (4 commits), queenie-ho/FYP-PathPlanning (3 commits), tungtungyan/FYP17 (3 commits), queenie-ho/Vins (1 commit), queenie-ho/ORB_SLAM3 (1 commit).
 - Created 3 repositories:** queenie-ho/Calibrated-Camera-Data.
- Header Navigation:** Overview, Repositories (4), Projects, Packages.
- Right Sidebar:** A calendar for 2021 showing activity dates. Buttons for "Less" and "More". A note: "for this period." and a date input field.



[Overview](#) [Repositories 33](#) [Projects](#) [Packages](#)

Popular repositories

[remoteSensing2020](#)

Improved VINS based on the adaptive covariance and adaptive M-estimator
Forked from Varvanillos_logger

● C++ ⭐ 4 🏷 2

[ios_logger](#)

Application for camera and sensor data logging (iOS)
Forked from Varvanillos_logger

● Objective-C++ ⭐ 1

[vins-application](#)

VINS-Mono and Fusion application of different sets of cameras and imu on different board including desktop and jetson xavier
Forked from engcang/vins-application

● C++ ⭐ 1

[catkin](#)

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

● C++ ⭐ 1 🏷 1

B.X.W

baaxw

[Follow](#)

Visual SLAM GNSS

8 followers · 15 following · ⭐ 42

[Intelligent Positioning and Navigation L...](#)

Hong Kong

Achievements



[Block or Report](#)

128 contributions in 2020



Up to Phd Studies



[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

[protobuf-over-nanomsg-example](#)

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

● C++

Darren Wong

DarrenWong

[Follow](#)

move fast

18 followers · 16 following · ⭐ 95

Hong Kong

[darrenwongf@gmail.com](#)

Achievements



Organizations



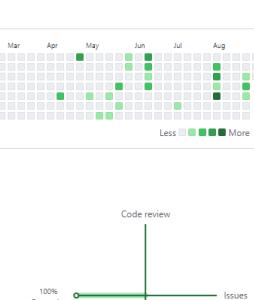
98 contributions in the last year



[@IPNL-POLYU](#) [@HKUST-Aerial-Robotics](#)

Activity overview

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



2021

2020

2019

2018

2017

2016

2015

2014

2013



[Overview](#) [Repositories](#) 38 [Projects](#) [Packages](#)

Pinned

[js-stopwatch](#)
JavaScript Stopwatch class. Output can be controlled using a simple callback.

JavaScript ⭐ 24 🐣 7

[drag-check-js](#)
Library for checking multiple checkboxes by click-and-dragging over them. Paint your selection!

JavaScript ⭐ 21 🐣 9

[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

[chargenow](#)
See DriveNow EVs in your area that needs charging. First react project.

JavaScript ⭐ 1

[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

[lolpause](#)
MacOS utility app to pause League of Legends GUI Flash client while game is active to lower CPU consumption

Objective-C ⭐ 1

44 contributions in 2021



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Popular repositories

[anki](#)
Go library to read Anki *.apkg files

Go ⭐ 18 🐐 3

[go-pouchdb](#)
GopherJS bindings for PouchDB. NOTICE this package has been superseded by https://github.com/go-kivik/kivik

Go ⭐ 13 🐐 1

[onload](#)
Onload handler for GopherJS without the bloat of jQuery

Go ⭐ 10 🐐 1

[go-sql.js](#)
GopherJS bindings for SQL.js

Go ⭐ 9

[minimal-pairs](#)
Tool for finding minimal pairs given a corpus of words

HTML ⭐ 5 🐐 1

[jsblob](#)
GopherJS bindings for JavaScript Blob objects

Go ⭐ 3

Contribution activity

August 2021

977 contributions in the last year



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[go-eel.js](#)
GopherJS bindings for SQL.js

Go ⭐ 9

977 contributions in the last year

Contribution activity

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