

HIMANSHU MISHRA

✉ himanshu@orkohunter.net · ☎ (+81)80-1296-5722 · 🌐 GitHub: OrkoHunter 📄 orkohunter.net

WORK EXPERIENCE

Software Engineer [Mercari US, Tokyo](#)

October 2019 - now

Back-end engineer

Designing and developing new features for the rapidly growing team at Mercari US (subsidiary of Japan's first unicorn company Mercari). Working on the internal tools and software used by compliance, legal and moderation team. Skills - Golang, Kubernetes, and PHP.

Software Engineering Intern [Twitter HQ, San Francisco](#)

Summer 2018

Open Source Team, led by Remy DeCausemaker

Created Weekly/Monthly Metrics reporting system for all the Twitter OSS projects - opensource.twitter.com/metrics Worked on automating Open Source review process for internal projects. Built the back-end of new opensource.twitter.com. Investigated Bi-directional code flow of Twitter Open Source projects and the internal monorepo. Skills: Python, Javascript, Continuous Integration, VCS

Software Engineering Intern [Elanic, Bangalore](#)

Summer 2017

React-Native, React, Node.js

Created the chat interface for Elanic iOS app from scratch, with messages and dynamic offers on screen. Rolled out for 160K users. Added new features and wrote abstractions for the backend server serving a total of 800K users.

Google Summer of Code 2016 [Stingray](#), Python Software Foundation

Summer 2016

Library of Time Series Methods Mentor: Daniela Huppenkothen

Wrote core Time Series analysis methods for astronomical X-Ray data obtained from accreting star systems. Created the base classes of the library, packaged it and published over pypi. | [GSoC Report](#)

Google Summer of Code 2015 [NetworkX](#), Python Software Foundation

Summer 2015

Implementing Add-on Extension System Mentor: Yingchong Situ

Wrote a library for Graph partitioning, an extension of NetworkX which is a Python library for Graph Theory with over 13 million downloads per month. Also, designed the add-on system for NetworkX extensions. | [GSoC Proposal](#)

PROJECTS

I have been advocating for Open Source Software for over five years now. Most of my projects source code are hosted on GitHub.

github.com/OrkoHunter

PEP 8 Speaks

A GitHub integration to automatically review Python code style on Pull Requests. The project, **financially sponsored by Python Software Foundation**, has a community of **over 4000 Python organizations** 📄 and over 10,000 user interactions. Currently used by many popular projects including **pandas**, **Spyder IDE**, **scikit-image**, **scikit-learn-contrib**, **astropy**, **statsmodels**, **sunpy** - [GitHub](#)

Keep

A command line toolkit for storing and using commands and code snippets. *Serves more than 300 active users* - [GitHub](#) I have been using the tool consistently for four years now.

Other Projects

- Ping Me : A cross-platform CLI for personalized reminders, integrated with Google Calendar — [GitHub](#)
- Morse Talk : A Python library written for Morse Code — [GitHub](#)
- plot2table : Extract plots from research papers and produce tables of data points. — [GitHub](#)
- Smart Ways : Using Neural Networks to suggest possible one way routes in traffic — [GitHub](#)
- Muriel : An electron.js app (cross-platform) to binge-watch anything without being bored — [GitHub](#)

SKILLS

- Languages: Python, JavaScript, Golang, C/C++, Java, PHP
- Platform: Kubernetes, Google Cloud, AWS, macOS, Linux, Android, iOS
- Development: Flask, Django, React, React Native, Unix utilities, Node.js, electronjs, SQL databases, MongoDB

CONFERENCES

- Talk : Stingray - Time series methods for Astronomical Data [↗](#) SciPy 2017, Austin TX
- Lightning Talk : PEP8Speaks - GitHub App for Python code style [↗](#) SciPy 2017, Austin TX
- Tutorial : Complex network analysis using NetworkX - Graph Theory in Python PyCon IN 2017, Delhi
- Talk and Tutorial : NetworkX - A Python library for Graph Theory 2016, University of Pune
- Tutorial : NetworkX and NetworkX-Metis SciPy IN 2015, Mumbai

EDUCATION

Indian Institute of Technology (IIT) Kharagpur, India

2014 – 2019

Bachelors and Masters in Mathematics and Computer Science