

SOURABH LAL



Education

EPFL, Switzerland

08/2015 - present

M.Sc. in Computer Science with a specialization in Information Systems. Graduating in February 2019.

Master's Thesis Title: "Identifying Meeting Action Items through Sub-dialogue Detection". Grade: 5.5/6

Courses include: Intelligent Agents, NLP, Machine Learning, Applied Data Analysis, HCI.

Carnegie Mellon University, USA

08/2014 - 12/2014

Study abroad. GPA: 3.73/4.00.

Courses include: Applied Computational Intelligence Lab, Creating Intelligent Robots, Mobile Robot Programming Lab.

Jacobs University Bremen, Germany

08/2012 - 06/2015

B.Sc. in Computer Science. Class of 2015. GPA: 1.85 (1.00 is best, 5.00 is worst).

Experience

Logitech, Lausanne, Switzerland

02/2018 - 08/2018

- Engineering Intern in the CTO team.
- Individual research project titled 'NLP for the creation of meeting artefacts'.

CERN, Geneva, Switzerland

08/2016 - 01/2017

- Intern in the CERN Document Server team.
- Developed features for the new open source video player module Using Flask, Jinja2, Angular and PostgreSQL.

Leadership & Extracurriculars

GitHub Campus Expert

06/2017 - present

- Supporting the student community by providing workshops and talks and helping organize hackathons and tech conferences.

LauzHack Founder and Main Organizer, Association Vice-President

03/2016 - present

- Founded EPFL's first global hackathon series. Main organizer of the 2016 event which had over 180 participants. Responsible for fundraising and participant experience in 2017. Vice-President of the Association from January 2018.

Projects

Event Detection in Twitter

02/2017 - 06/2017

- Implemented 4 different event detection algorithms using Python for the LSIR lab at EPFL.
- Evaluated performance by testing with Tweets about events.

abcPay

04/2017

- Cross-platform app developed at a hackathon in a team of 4 that enables parents to administer a child's daily allowance.
- Built using ionic, angular, typescript and node.js

DoctorBot

09/2016 - 10/2016

- Chatbot developed at a hackathon in a team of 3 that co-ventures with a patient to give a medical diagnosis.
- Built using Flask, Heroku, and various APIs.

Data Collection with CoBot

09/2014 - 12/2014

- Iteratively developed an intelligent path planning algorithm
- Enabled CoBot robots to opportunistically collect data from less recently explored locations by maintaining historical maps of exploration.

Awards

NYUAD Hackathon for Social Good 2018 - 2nd prize

FoodHack 2017 - 1st Prize in the Food Save challenge

MLH Prime EU, London 2017 - JP Morgan Prize for Best Hack for Social Good

KairosHacks Barcelona 2015 - SkyScanner API prize.

jacobsHack! Winter 2014 - 3rd prize + USG sponsor prize.

Jacobs University - Merit based 30,000 Euro Scholarship

Skills

Development: Python, Django, Flask, Java, Android, HTML5, CSS3, JavaScript, C++, C

Other: Git, GitHub, LaTeX, CLI, Unix, Windows, Agile software development

Languages: English (fluent), French (intermediate), Hindi (basic)