

Uma Zalakain

COMPUTER SCIENTIST · SOFTWARE DEVELOPER

Glasgow

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Computer scientist with a special interest in FLOSS development, functional programming and data processing.

Education

University of Strathclyde

BSc HONS COMPUTER SCIENCE

Yearly overall: 89%; 84%; 90%

Glasgow

2014 - present

Gipuzkoako Urrutiko Batxiler Institutoa

HIGH SCHOOL

Donostia

2012 - 2014

Skills

Programming Python, Haskell, Agda, JS, Java, Rust, C, SQL, LaTeX

Web Django, AngularJS, HTML5, LESS, SASS

Management Git, GNU/Linux administration, Bourne shells

Languages Basque, Spanish, English, basic Dutch and French

Experience

GISA Elkartea

ASSOCIATE

- Non-profit organization for the promotion of libre software and the translation of software to Basque
- Developed multiple libre web applications for a local radio station
- Translated multiple libre Android applications to Basque

Errenteria

2010 - present

TextLab

WEB DEVELOPER & TEXT ANALYST

- Joint research project between the English and Computer Science departments at Strathclyde, see <http://losp.us/>
- Developed a small Haskell library that parses and analyses the TEI-encoded texts provided by the Folger Shakespeare Library
- Developed an evolving static website that publishes our class' work
- Took part in the meetings with the staff from the Folger Shakespeare Library at Washington, D.C.

Glasgow

2016 - present

A2H Software Factory

SOFTWARE DEVELOPER

- Developed small web applications for internal company usage
- Developed a content publishing system focused on third-party integration
- Developed a data extraction and visualization library

Donostia

2014 - 2016

University of Strathclyde

LAB DEMONSTRATOR

- Demonstrated User and Data Modelling labs
- Demonstrated Programming Foundations

Glasgow

2017

Extracurricular Activity

Hackmeeting

PARTICIPANT

Spain

2009-2013

- Decision making, organization and physical work
- Attended multiple talks and workshops

Lakaxita Hacklab

MEMBER

Irun

2010-2013

- Lecturer in a brief introduction to Python
- Assistant in a short Django workshop
- Participant in many debates involving technology and ethics

Presentation

Jornadas de Conocimiento Libre

Madrid

PRESENTER FOR <GPG: UNA INTRODUCCIÓN>

2016

- A brief introduction to public key encryption using GPG, management of keys, web of trust, keysigning and software of interest

Ud4kamp

Gernika

PRESENTER FOR <EL LADO OSCURO DE GOOGLE>

2012

- Aims to raise awareness of the power that we hand over to an organization like Google

Arrosa Sareko topaketak

Bergara

PRESENTER FOR <SEGURTASUNERA SARRERA>

2011

- Security tips for libre radios and grassroot movements

Honors & Awards

2017 **Best overall third year student**, Baillie Gifford

Glasgow

2017 **Dean's Certificate for excellent results**, University of Strathclyde

Glasgow

2016 **Dean's Certificate for excellent results**, University of Strathclyde

Glasgow

2015 **Dean's Certificate for excellent results**, University of Strathclyde

Glasgow

2014 **Winner of the Bloomberg challenge**, StrathHack

Glasgow

Developed a game based on mathematical analysis of financial data

Other Interests

Long distance hiking, go, dancing and scything.