Unai **Zalakain**

COMPUTER SCIENTIST · SOFTWARE DEVELOPER

Glasgow

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

Education

University of Strathclyde	*Glasgow*
BSc HONS COMPUTER SCIENCE	*2014 - present*

Gipuzkoako Urrutiko Batxiler Institutoa	*Donostia*
HIGH SCHOOL	*2012 - 2014*

Skills

Programming	Python, Haskell, JS, JAVA, 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 — *Errenteria*
ASSOCIATE — *2010 - present*

- 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

TextLab — *Glasgow*
WEB DEVELOPER & TEXT ANALYST — *2016 - present*

- Joint research project between the English and Computer Science departments at Strathclyde, see `http://losp.us/`
- Analysed the interaction of characters in *Twelfth Night*
- Developed a static website and published play analyses

A2H Software Factory — *Donostia*
SOFTWARE DEVELOPER — *2014 - 2016*

- 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

Extracurricular Activity

Hackmeeting — *Spain*
PARTICIPANT — *2009-2013*

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

Lakaxita Hacklab   *Irun*

Member   *2010-2013*

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

Grassroots Movements   *Irun*

Volunteer   *2009-2013*

- Worked in big and small teams to organize public events and campaigns
- Participant in multiple decision making processes

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

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 Developed a game based on mathematical analysis of financial data	*Glasgow*

Other Interests

Long distance hiking, dancing, chess, playing piano, scything and maths.