



Role Description – Registration System Software Developer

Responsible for:

- Delivering the online booking system for Participants, Staff, and Contractors
- Accurate and secure data records and reports

Main Duties:

- Develop, maintain, and support the Jamboree event booking system. Some planning and requirements gathering meetings beforehand, but generally starting development 15 months before the event until a week or 2 after it (roughly May 2019-August 2020)
- Ability to deliver working system on time to specific deadlines. The busiest times are preparing for initial staff signup (July-August 2019), Phase 1 to go live (September 2019), Phase 2 go live (March 2020), Phase 2 completion (April-June 2020), and then the week before the event and at the event.
- Produce accurate reports and statistics from the registration data
- Attend the event (1-8 August 2020), and some of build week (29-31 July 2020)
- Attend occasional Exec meetings and various team meetings as needed
- Provide online and offline training for all users of the system
- Help with other related tasks and systems (answering Registration email, the main EIJ website, support help desk, mailchimp, Google Admin)

You Must:

- Be a member of either the Scout Association or Guiding Association
- Hold an enhanced DBS (Disclosures & Barring Service) check and ensure it is valid for EIJ 2020

Technical Details:

- Experience of full stack web development using Django (Python). Currently use Python 3, Django 1.8 (which was the LTS version at time of the last Jamboree), PostgreSQL, fabric, django-allauth, django-tables2, django-post-office, django-bootstrap3 amongst various other django plugins. As the system is only used every 4 years these all need updating to latest versions for feature and security fixes.
- Good working knowledge of Django templating engine, HTML, CSS, and full cross browser compatibility. Basic JavaScript use advantageous.

- Git version control
- Organise development using Trello, Google Sheets, Email, etc
- DevOps / deployment of the project as needed using Virtual Servers (linode), Ubuntu LTS, nginx, gunicorn, LetsEncrypt, cron
- Experience of best practices for mass email, integration with external email systems (mailchimp, sendgrid, google groups, etc)
- Integration with Google sheets and Google APIs

Other:

- Ability to communicate clearly
- Answering emails in a timely manner
- Experience or interest in information security and adherence to new GDPR rules
- Working in a very small team in a relatively high stress role
- Experience in extensively testing your own code before deployment
- Share knowledge and good practices in the team and beyond