

Micro-Internship

Placement date: w/c Mon 3rd Dec 2018

Pay: £100/day

How to Apply: Just upload your CV via [here](#) by midnight on Monday 19th November (Cambridge) or Wednesday 21st November 2018 (Oxford).

Summary: Through this micro-internship you will integrate Ensoft's VoIP phone system with an internal web application, allowing the phone system to be automatically updated simply by using the app.

Project details: Ensoft uses an internal phone system based upon voice-over-IP technology and built using open-source software. We also have an intranet site written in Python that provides a variety of services and web applications to all employees, including the ability to locate other employees' desk locations on a map and update an individual's location when they move desks.

Through this micro-internship you will work towards an ultimate goal of integrating the phone system and the intranet so that the phone system is automatically updated when an employee updates their desk location in the web app. This will involve working with a "lab" phone system used for development and testing, and enhancing the Python code of the existing app.

At the end of the internship the app will trigger generation of the new configurations required by the phones and transfer them to the system.

The internship will give you the opportunity to learn more about – and gain demonstrable experience with – Linux system administration, VoIP technology, and web application development using Python and the Django framework. You will work with a mentor who will meet with you daily to provide guidance and support and to monitor progress. This will also give you the chance to gain some insight into working as part of a world-class software development team.

Applicant profile: Candidates will be considered from any numerate academic discipline but must have **demonstrated a strong interest and aptitude** for computing. **Some familiarity with Python programming and administering Linux systems is highly desirable.**