SOFTWARE ENGINEER

INTERNSHIP

AT GREAT CIRCLE

About the company: Great-Circle

Like each success stories, Great-Circle has been **created in 2010 by passionate people** who decided that their passion could also be their job.

Great-Circle was founded by three individuals with a **complementary set of skills**: an experimented skipper, a famous weather marine analyst and a professional marine scientist. They quickly decided to grow the team to create "Squid", a weather software for sailing boat.

By listening to skipper's needs, Great-Circle continues to innovate and develop new services to improve boat performances and navigation.

At the present time, Great-Circle collaborates with most of the **top ranking off-shore sailing teams and race managements** throughout the world (Vendée Globe, Volvo Ocean Race, Route du Rhum, America's Cup, etc).

They use our product:

Our product: Squid and Squid Mobile

Squid is the flagship product of Great-Circle. It has been created to aggregate all weather informations in a single software.

What Squid has to offer:
- Lots of weather forecast files (called GRIB files)
- Weather charts
- Satellite images (made by Great-Circle)
- Weather observations
- Race tracer
- Routing (i.e. "boat GPS navigation")
- A unique and straightforward user interface
- Available on Windows, iOS and Android.

Today Squid is **used by thousand of skippers** around the world. The desktop application is our biggest platform. A huge majority of the professional sailing boats and performance oriented cruising vessels around the world are using our product.

Great-Circle is going to **launch a new cross-platform desktop application** « Squid 2 » along with a redesign of the **web application** and a new public API to access our data from third party applications.

These new products are **based on the latest technologies and framework**. They will integrate a new UX and new features.

FRONT-END DEVELOPER POSITION

You will be responsible of building core features of the new Squid front-end client. You will collaborate with a small team of 2-3 people with complementary skills.

You will have the opportunity to learn about state of the art technologies from tomorrow and apply them today.

Our backend stack is composed of Python, Node.js, Go, and C/C++. Our front-end is developed mostly in C# and React.

You will explore map libraries like Leaflet, Web GL, etc. We use Bitbucket, JIRA and Slack for team communication.

Moreover, in this start-up environment, you will acquire an entrepreneurial spirit and learn to be independent in your tasks. Your opinion will matter and you will be able to suggest new ideas to the team during the weekly staff meeting.

With your help, together, we can reshape the future of sailing...

Your profile:

Through your current studies or personal activities, you have obtained substantial skills in the field of innovative Web development:

- You are a quick learner and hard worker;
- You have « a getting things done » attitude;
- You learn very quickly object oriented languages;
- You know Javascript and HTML5/CSS;
- You know what a RESTfull API is;

- You know the Linux Command Line Basics;
- You are ready to learn new skills;
- You are familiar with Git;
- You possess an entrepreneurial spirit;
- Sailing experience is a plus but not required.

Our offer:

You will learn a lot through this internship including:

- The **process** behind the creation of a production ready software.
- How to work in an **AGILE environment** with a team.
- **Hand on experience** with technologies of tomorrow (Angular 2, Electron, Go, etc).
- You can enjoy a **flexible schedule** as long as the job gets done (You can work for us and not sacrifice your student life)
- You will be able to **add a real life project in your portfolio** for your future interviews.

- You will be **part of a group** of selected people that have the spirit to continuously push the limits.
- You will be able to participate in **Hackathon**.
- You will work in an exciting and fun environment, **close to Louvain-La-Neuve** and just in front of Rixensart train station.
- You like Italian food? Perfect, one of the best pizzeria is at only 2 walking- minutes.

Apply:

Send your CV and any other useful things at Patricia (patricia@greatcircle.be).