Internship: Exploring Parametric Lighting Fixture Design

Philips is taking Lighting beyond illumination, in beautifully illuminated indoor and outdoor spaces, with LED-lighting points connected to intelligent systems that are a pathway for information and new services. In this way, we do meaningful work, while the whole world is lighting up and we are linking this to the internet of things. We invite you to experience what it means to be part of our innovative workforce. We lead the industry in connected lighting systems and services, leveraging the Internet of Things to take light beyond illumination and transform homes, buildings and urban spaces.

Your challenge

We are seeking an intern to explore parametrically designed lighting fixtures that are created using additive manufacturing techniques. You will be challenged to use your design talent and hacking skills to create fixture concepts using parametric design and digital fabrication.

Your responsibilities

- Using Rhino and Grasshopper, you will explore fixture design concepts, material studies, texture studies, and visualization studies.
- You will help us understand and define the true scope of development for such a tool.
- You will develop real prototypes of your designs in our R+D laboratories. You will help us equip our concept showroom with ranges of material samples, components, and fixture concepts.

Your team

This internship is part of the Digital Manufacturing team in Philips Research within Philips Lighting.

We offer you

- A fun and dynamic environment in which you will be challenged by people as passionate and smart as you
- You will receive an internship allowance; the exact amount depends on your situation also towards rented accommodation or public transport

Internship Conditions

- Non-thesis only (project is confidential and may not be academically published)
- Part time students acceptable, flexible working hours can be established
- Job is located in Eindhoven at the High Tech Campus

**We are looking for**

- Currently studying towards your HBO Bachelor / Bachelor of Science / Master of Science WO in one of the following faculties: **Industrial Design, Architecture**, or related fields.
- Fluent in English is a must
- Proficiency in **Rhino + Grasshopper required**
- A strong foundation in industrial product design or architectural design; we expect to see an exquisitely crafted portfolio with examples of both traditional design and modern parametrically-developed concepts, plus basic sketching, drafting, modeling and rendering skills
- Proficiency using Adobe Creative Suite is a plus; Solidworks or equivalent is a plus

**Recruitment process**

*Do you recognize yourself in this profile and are you ready to take on this challenge? Be Philips Lighting. Apply today.*

Please upload your resume through the Philips career site-vacancy number 261247. After a pre-selection process based on your CV, you will be invited for a face-to-face business interview.

Contact Person: Silvia Cusumano silvia.cusumano@philips.com

**Notes**

- EU/EER students: In order to be considered for this internship, you need to be registered as a student during the entire internship period. Formal documentation of this may be requested at any time.

- Non EU students in Dutch Universities: You need to be registered as a student and your university needs to sign the Nuffic Agreement. The internship needs to be compulsory part of your studies (receive ECTS in turn). In case of non-compulsory internship, you need to encompass a letter from the university in which it states that the internship contributes to your personal development, what your learning goals will be and what tasks you will carry out during the internship. The letter has to be signed and stamped by your university.

- Non EU students in non-Dutch Universities: You need to be registered as a student and the internship should be compulsory part of your studies. In addition, you need to be able to get official approval of your university for this internship.

Please apply only if you can meet the aforementioned requirements.