

**University of Messina
MIFT Department
Bachelor Data Analysis**

Internship Project Proposal

<i>Code Name</i>	PTA_03022022_26/06/2023 10.55.33
<i>Date</i>	26/06/2023 10.55.33

Host Institution

<i>Host Institution</i>	STMicroelectronics
<i>Protocol</i>	03022022
<i>Protocol Date</i>	03/02/2022
<i>Country</i>	Italy
<i>City</i>	Catania
<i>Address</i>	Stradale Primosole 50
<i>Website</i>	www.st.com
<i>Employees Number</i>	40000
<i>Contact Person</i>	Marcello Palano
<i>Phone Number</i>	+39 3482399143
<i>Email</i>	marcello.palano@st.com

Project Supervisor

<i>Name and Surname</i>	Patrizia Bellitto
<i>Phone Number</i>	+39 3667628193
<i>Email</i>	patrizia.bellitto@st.com

Internship Project Details

<i>Title</i>	Web application development for new photodiode simulator
<i>Detailed Description:</i> In the context of "eDesignSuite", a set of online software tools available inside www.st.com website, a new web application needs to be developed. It is a simulator for particular products, photodiodes, and, as all the other tools belonging to the suite, it must be developed using the newest technologies (React for the front end, microservices on AWS for the back-end)	
<i>Topics</i>	Software development
<i>Reimbursement of Expenses (YES/NO)</i>	Yes
<i>Refund Amount</i>	
<i>Availability for Travel (YES/NO)</i>	No
<i>Kind of employment</i>	Full time
<i>Duration in months (max 12)</i>	3
<i>Duration in hours</i>	160
<i>Internship Date Start</i>	01/09/2023
<i>Internship Date End</i>	01/12/2023
<i>Number of Open Position(s)</i>	2

Internship Skills

Required Skills: Willingness to learn typescript, AWS architecture fundamentals, React and basic UI prototyping

Other Skills

Ability to work in team