

Lyon, September 14, 2018

### Internship application (or FTC)

Dear Surabhi Thareja,

I am currently in my 5th (and last) year of studies at INSA Lyon, one of the best French engineering school, where I specialized in Telecommunications and more precisely in robotics and embedded systems. From mid-february / march 2019 I would like to do my end-of-study internship in your research organisation (it could also be a fixed-term contract) to share a rich and stimulating experience of duration of 6 months. I am aware that the engineer you are looking for should be an experienced programmer (at least having spent 5 years in the IT industry and 3 years of experience working as a PO) and that I do not match that profile. However I am willing to offer you my candidacy for any job in embedded systems development that could better match my qualifications. If you could take the time to consider the rest of my letter to see if you could propose me any job, I would be very thankful.

I am highly motivated to work for your company in the robotic domain because it stimulates my curiosity and my creativity. It also enables me to confront different skills that I developed during my engineer studies such as programming but also some mechanics and mathematics. Moreover, I am passionate about new devices and technologies and I believe I would be a good element in your team, learning and developing side by side with you.

Thanks to my training at INSA, I have acquired the necessary basics to evolve in an environment combining computer science, networking and information theory. Thanks to the first cycle of 2 years I developed a strong scientific background (in mathematics, physics, mechanics...). Then, in the second cycle of 3 years, I reinforced my qualifications in algorithmic, in programming in different languages (including non-exhaustively Java, C and Python) and contexts (Unix, Windows). During my last year I follow lessons on embedded systems and robotics. I also had the opportunity to experience team work on several projects, including international teams. I have also studied one semester at Chalmers University of Technologies (Sweden) where I learned new ways to solve problems and developed my intercultural communication skills. I am now willing to start contributing those skills at a dynamic and innovative company.

I have already some professional experiences among which I proved my serious and my sense of responsibility. Those experiences brought me also good skills regarding customer relations, like listening and learning to know the client to better answer its expectations. Concerning my technical qualifications, I have contributed within an agile project team to the development of a digital banking platform for equensWorldline, the pan-European leader in payments and transactional services. I therefore think that I have the qualifications to become part of one of your team. My capacity of adaptation, my rigour and my enthusiasm will be my assets to be quickly able to meet my tasks, whether to study and analyze the situation or to develop appropriate solutions.

I would welcome an interview at your convenience to tell you more about my qualifications, as well as what I can do for your electronics company. Thank you for considering my candidacy. I look forward to hearing from you.  
Sincerely,

**Nolwenn Madec**

