

UX DESIGN WITH RESMED

Monday	Tuesday	Wednesday	Thursday	Friday
2 hours	1 hour	1 hour	1.5 hours	2 hours
<p><u>12-1pm</u> Niall O`Mahony <u>ACTIVITY</u></p> <ul style="list-style-type: none"> • What is Engineering/ Innovation <ul style="list-style-type: none"> ○ Famous examples ○ Problem Solving definition • Innovation at ResMed <ul style="list-style-type: none"> ○ CPAP Machine etc. • RST Innovation/ R&D • How Teams/ Projects Work at RST • Example Innovative Projects <p><u>1-2pm</u> Cesar Lopes <u>ACTIVITY</u></p> <ul style="list-style-type: none"> • From Science to Life: how engineers shape the world <ul style="list-style-type: none"> ○ When, Why and how ideas & science become engineering ○ Software Engineering for scale ○ ResMed Drive Demo 	<p><u>1-2</u> Roxana Tiron and Anna Rice <u>ACTIVITY</u></p> <ul style="list-style-type: none"> • Machine Learning/ Algorithm Engineer career path • Our background and how did we choose this career path • A day in a life of an algorithm engineer: what is machine learning, how can we use it to get from a patient need to an working feature • Examples from our current projects: sleep monitoring and mouth breathing detection on a CPAP machine 	<p><u>12-1</u> John Costello <u>ACTIVITY</u></p> <p>Types of innovation</p> <ul style="list-style-type: none"> • Process innovation • Product innovation <p>Some of the conditions for innovation</p> <ul style="list-style-type: none"> • Diversity • Creativity • Teams and how they are structured 	<p><u>12-1</u> Kieran Grennan and Eoin Brennan</p> <ul style="list-style-type: none"> • Context: Drive App and CPAP - 5mins • Why we test - relatable example - 5mins <ul style="list-style-type: none"> ○ Mentality, user centred, experimentation • Interactive test workshop - 45mins • Games & quizzes <p><u>1-1:30</u> Nikki Solyom <u>ACTIVITY</u></p> <ul style="list-style-type: none"> • OKR (Objective Key Results) coaching oriented workforce. The future of working. 	<p><u>12-1</u> Elisabetta Melis <u>ACTIVITY</u></p> <p>What is a software QA engineer</p> <ul style="list-style-type: none"> • what is my typical day like the importance of algorithm verification <p>what we do to verify the performance</p> <ul style="list-style-type: none"> • example of clinical studies communication with other teams <p><u>1-2pm</u> Kevin Fitzgerald <u>ACTIVITY</u></p> <ul style="list-style-type: none"> ☒ How procurement supports the R&D process ☒ The Procurement Process RFI, RFP, RFQ ☒ Negotiating - the basics ☒ Intellectual Property ☒ Contracts ☒ Project examples & working with Suppliers <ul style="list-style-type: none"> • Encoders • Antennas • Heater Plates • ResMed VentureThon



Additional Materials

PDFs with instructions, recordings of the webinars, TikToks of mentors talking about their work on a purpose specific web page.

General ResMed video: <https://www.youtube.com/watch?v=HY8T27I6aGg>

John Costello – BIDS topic:

general weblink to ResMed <https://careers.resmed.com/we-are-resmed/belonging-inclusion-and-diversity/>

ResMed innovation and diversity:

<https://www.youtube.com/watch?v=yag2lgpXU0>

<https://www.youtube.com/watch?v=oNcb49oafrw>

Nikki Solyom – OKR coaching system

<https://www.youtube.com/watch?v=L4N1q4RNI9I>