

Opportunities for students(2)

Summer Internship Project Title	Short description of the project	Department	Details
Improvements on Radio Network Planning Tool	Create an addin for a Radio Network Planning Tool that will read coordinates from an existing input file, convert them (from geographic coordinate system to cartesian coordinate system and reverse) and then exports the results in an output file.	Mobile Networks - Products	Students required: 1
Desktop applications	Swing vs SVT and Hibernate vs EclipseLink	Mobile Networks - Products	Students required: 2
Automation extension - OAM	Extension of the automated tests environment on additional platforms, test scripts updates for different features	Mobile Networks - Products	Students required: 4
LTE Test Principles for Radio Features	LTE Radio Principles for new feature testing;	Mobile Networks - Products	Students required: 4
Automation extension - Digital	Extension of automated tests campaigns on new labs;		
Integrated Host Test Environment	Virtualizing host environment for LTE eNodeB	Mobile Networks - Products	Students required: 1
LTE KPI benchmark	Make a comparison of LTE KPI (key performance indicators) between ALU and Nokia vs 3GPP standard	Mobile Networks - Products	Students required: 1
LR16.1 metro parity testing	Test on metro, macro features from previous releases which are part of LR16.1 metro parity FID;	Mobile Networks - Products	Students required: 1
Quality of Service for Mobile Networks	After implementing of 2G/3G and 4G Network, the Quality of Service becomes one of the most important concern for the Mobile Operators around the World. Some of the most important Key Performance Indicators that will be approached are	Mobile Networks - Managed Services	Students required: 9
Incident Management and KPI reporting on Core Networks	Monitoring the operational network, internship program provides high level technical experience on TDM, Transmission or IMS networks. Incident management process will be applied to solve issues in contractual agreements.	Mobile Networks - Managed Services	Students required: 3
Radio Access Network - 2G/3G/4G network integration	Radio Swap for Orange France. Site integration for 2G/3G/4G radio-infrastructure. Intern activity will be delivered remotely from our regional operation center which handles swap administration, operation of the swapped elements until integration is completed, change management.	Mobile Networks - Managed Services	Students required: 2
IPfication project	Deploy, integrate and migrate services to Nokia 7705 routers into customer network, allowing him to tranform to full IP his transmission network	Mobile Networks - Managed Services	Students required: 2
Network architecture, VC4 configuration	Creation and deletion of VC4's, configuration of the rings	Mobile Networks - Managed Services	Students required: 1
Engage in Core Network Component & Radio Access Network integration	Daily/planned tasks delivered on the core network for Bouygues Telecom. Management and configuration of remote network elements. Handle onsite survey, installation, testing, commissioning and maintence	Mobile Networks - Managed Services	Students required: 3
Security hardening requirements applied to Media Server products.	The students will learn specific industry security hardening requirements and exactly how to apply them to products from Media Servers family	Applications & Analytics - Communication & Collaboration / Media Servers	Students required: 1
Automated tool for SW and HW verification	The purpose of this tool is automate the manual and time consuming operations performed periodically on production platform. The tool will group multiple checks including platform health status, specific services status, alarms, system performance.	Applications & Analytics - Communication & Collaboration / Media Servers	Students required: 1
Virtual Machines 2 RAMSES	Aim of the project is to extend the features of the current secure access solution that support teams are using to access remotely the Customer Networks for technical assistance, monitoring, network operation, engineering & integration, etc.Objective is to centralize on Virtual Machines using the existing RAMSES environment, the various VPNs and Tunnels that today our engineers are administrating individually on their terminals.	Applications & Analytics - Payment & Charging L2 Technical Support Center	Students required: 2
Big data Analytics project tests automation	Write automation tests in Cucumber + ruby/java environment and running and debug them on real or VM analytics platforms	Applications & Analytics - Customer Experience	Students required: 1
Document Management Tool	Spring web based app running in a Wildfly container. AngularJS, Bootstrap for frontend	Applications & Analytics - OSS, Customer Experience	Students required: 2
Design ALU Wireless R&D internal tools	Design features for ALU wireless R&D internal tools(HTML5, PHP,JavaScript, MySQL, Ajax, JQuery)	Mobile Networks - Products	Students required: 4

Summer Practice Projects 2016 in Timisoara

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