

Engineer Intern, HD Voice

CableLabs is focused on leading-edge technologies and the "next big thing" for the cable industry. We are a smaller organization and our engineers have a lot of insight into new technologies and projects with the ability to work in different areas across multiple technologies. The diversity in projects we work on is broad: wireless, VoIP, video and content delivery, broadband data, security on multiple software/hardware platforms & networks – Android, MAC OS, Linux, STBs, iPad/iPhone, Android, PCs, wifi, cellular, etc.

You will develop test plans and procedures, configure lab networks, operate 3rd party testing equipment, interface with cable product and telephony vendors, and conduct testing on cable products that support high definition Voice over IP (VoIP) service.

Qualifications:

Familiarity with or exposure to MGCP/NCS or Session Initiation Protocol (SIP), Voice over IP (VoIP) technology; quality measurement of voice (MOS scoring for example)

Exposure to test equipment used for testing VoIP is helpful.

Experience in configuring devices onto a VoIP network and using a network protocol trace tool like Ethereal/Wireshark is preferred.

BS in EE, Networking or Computer Science. Qualified students must have a cumulative GPA of 3.0 or better and be a demonstrated self-starter with strong work ethic and willing to work up to 40 hours per week. All interns will be expected to provide their own transportation.

Founded in 1988 by cable companies, CableLabs is an award winning, internationally recognized lab serving the global cable television industry. Located just minutes from Boulder, our world-class labs help shape technologies that are driving the data, voice and video communications of the future.

Tomorrow's cable industry will look nothing like it does today. It can't. The world is changing rapidly with broadband moving beyond traditional screens and devices. To keep pace with consumer demand for fully personalized content when, where and how they want it, cable must constantly exceed those demands. In fact, it must invent desire for new products long before the public even knows it can't live without them. And CableLabs is at the vanguard of this revolution, fueling cable's new drive with creativity and innovation. Come join the revolution!

Please forward resumes to internships@cablelabs.com. Indicate HD Voice Intern in the subject line.