InterDigital Communications
Conshohocken, PA

InterDigital Communications is looking to hire M.S. or Ph.D. students for an IoT Application Development Prototyping internship. Please push this job posting to your students as appropriate. Students may apply through Hokies4Hire at: https://www.myinterfase.com/vt/job_view.aspx?token=3%2f3NkkTyam6c%2fws84OBWxQ%3d%3d.

Job ID: 91817
*Job Title: Intern - IoT Application Development Prototyping

Organization Name: InterDigital Communications
*Job Description:
InterDigital is seeking an Intern to join a team of highly skilled engineers/researchers developing the next generation of wireless communication technologies. The team’s focus is on developing applications for the Internet of Things (IoT) from architecture definition through to reference platform development. We are looking for a versatile problem solver with solid computer science fundamentals and software development. The candidate must be a self-starter and be able to work independently in applying computer science skills towards developing IoT applications for constrained devices with low computing power and resources.

Essential Duties and Responsibilities:
•Primary tasks for this position include: software architecture and design, implementation, debug, and verification of standalone IoT applications.
•Secondary tasks include: system integration and testing, build and/or support automated regression testing suite of software releases, and generate design and test documentation.

Qualifications
•M.S. or Ph.D student in Computer Science or Electrical Engineering
•Available for six-month internship beginning in January 2018
•Strong programming experience in C
•Strong debugging and verification skills
•Network, embedded systems, and/or real-time programming
•Experience with security protocols (TLS, DTLS, etc.) is strongly desired
•Scripting language experience (Perl, Python, Linux, etc.)
•Familiar with Integrated Development Environment tools (Eclipse, Visual Studio)
•Exposure to configuration management/version control concepts and tools (GIT)
•Understands and experience with Software Development Life Cycle (SDLC) process
•Familiarity with wireless networking and routing protocols a plus
•Good communication skills and teamwork spirit
•PC literate (word processing, spreadsheet, graphics, etc.)

Location: Conshohocken, PA

InterDigital is committed to a policy of Equal Employment Opportunity and will not engage in or tolerate unlawful discrimination against an applicant or employee on the basis of race, color, religion, creed, national origin, ancestry,
citizenship, immigrant status, military status, veteran status, sex, sexual orientation, gender (including gender identity and/or expression), pregnancy, age, physical or mental disability, genetic information, atypical heredity cellular or blood trait, marital status, family status, domestic partner or civil union status or any other legally recognized protected basis under federal, state or local laws, regulations or ordinances. This policy applies to all terms and conditions of employment, including, but not limited to, hiring, compensation, benefits, training, assignments, evaluations, coaching, promotion, discipline, discharge and layoff.

Online Application Address: https://workforcenow.adp.com/jobs/apply/posting.html?client=interdigit