Guardian Industries Summer Internship for EE, CE, and Robotics

Guardian Industries, a 2016 Cohort MDP Sponsor, has openings for summer interns in EE, CE and Robotics. They will consider U.S. Citizens/Perm Residents and foreign students utilizing CPT.

Location: Carleton, MI
Salary: Will depend upon qualifications
Duration estimate: Late April/Early May start. Full-time throughout summer and potentially continuing on a part-time basis after the summer.

Skills & qualifications:

- Electrical Engineering, Computer Engineering, Robotics degree
- Experience working with microcontrollers (e.g., Arduino): MCU architecture, peripherals (ADC, DAC, I/O ports, multiplexer) and basic program (“sketch”) writing.
- Experience as a Primary Investigator including design-of-experiments and related tools (e.g., JMP)
- A born tinkerer, curious with strong desire to learn and build new things

Desired Additional Skills:

- Experience with microcontroller selection and embedded software development
- Understanding of performance parameters for touch sensing applications (accuracy, latency, jitter etc.)
- Understanding of Electromagnetic Interference (EMI) measurements (hands-on experience preferred)
- Experiences with machine learning
Role: Play a pivot role in the development of a novel touch sensor technology which seeks to enable turning any large surface (e.g., big window) into an interactive touch experience.

- Leveraging Guardian’s R&D resources to demonstrate proof of concept and further develop this novel touch technology
- Contribute to the design-of-experiments and experimental apparatus set-up with R&D Director and a dedicated technician
- Monitor DOE execution, adapt plan as needed, interpret the influence of system parameters (drive voltage, frequency, others) on touch sensor performance
- Suggest enhancements to system based on empirical/theoretical understanding
- Serve as the teams subject matter expert relating to electronics, controllers, and electrical engineering

Send your cover letter and resume to:
Vishal Agarwal, Technical supervisor, varwal@guardian.com
Sam Abbott, HR Lead, sabbott@guardian.com

Data Engineering @ Johnson & Johnson

An ECE alum currently employed at Johnson & Johnson is looking to hire a Data Engineering Lead. You will manage the data lifecycle to support analytical solutions to provide a competitive advantage to J&J in the healthcare space, and will be a part of a dynamic and growing team. You will be responsible for bringing a broad knowledge of existing data mining algorithms and creativity to invent and customize when necessary. You will learn and deploy leading technologies in the analytics space specific to business needs in order to get results and find opportunities. You’ll drive business impact by solving unique problems thru keen and creative mathematical analysis, continuous improvement methodologies and change management in a cross functional organization. See description for more information.

IT Sophomores - APPLY NOW! Exciting CAMP @ P&G

We're thrilled to provide details regarding a very exciting opportunity - P&G Emerging Leaders Camp to be held Aug 6-9, 2019 at our Corporate Headquarters in Cincinnati, Ohio. DO NOT MISS this chance to lock in an internship even before the
IMPORTANT NEXT STEPS


2. Let Michelle Talbert know when you have completed your application (talbert.ml@pg.com)

THE PROGRAM
Live the experience of a lifetime at our Emerging Leaders Camp August 6th through 9th. Qualified students will join a diverse group of Freshmen and Sophomores for an all-expenses paid trip to our corporate headquarters in Cincinnati, Ohio. Get started on the path to your own #PGDay1.
August 6-9, 2019
Cincinnati World Headquarters
All expenses paid including accommodations, meals, and transportation.

THE EXPERIENCE
Participants can expect to:

- Visit our Global Headquarters in Cincinnati, Ohio and meet with leaders and new hires across P&G
- Get to know what P&G is all about
- Complete a final round interview for an internship the following year!

ELIGIBILITY
All college students in their Sophomore year. Apply now with one of our functional disciplines

*This information is sent on behalf of the individuals listed in each announcements. These opportunities are not directly affiliated with the EECS Undergraduate Advising Offices.*

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