Volunteer Opportunity for U of M Students

Are you looking for a volunteer opportunity that engages youth in Detroit? If so, Give Media’s mentorship program, FATE, is looking for University of Michigan students to become mentors!

FATE is a four-year, cohort-based program for high school students in Detroit who attend the Jack Rose Leadership Academy. Its mission is to provide resources and opportunities for underserved youth to embrace education and become world-class citizens, with a goal to motivate each student to graduate high school and attend college.

The four-year cohort-based program provides innovative programming which blends project-based learning, character development, career exposure, and mentorship into a co-curricular experience emphasizing the value of education and the role it plays in providing access to achieving long term career and personal goals.

Mentors help facilitate workshop activities where students learn skills in business, marketing, and design thinking while also supporting their mentees as they develop personally and academically. The curriculum will be complemented by ongoing soft-skill building activities and regular extracurricular workshops where students will be exposed to higher education and a variety of local / national organizations such as Zingerman’s, Google, Shinola, and Plante Moran.

Check out this video (made by Shinola) to learn more about the FATE Program!

If you are interested in mentoring for the FATE Program during the 2018-2019 academic year, email Rachel Mazzaro at rmazzaro@umich.edu for more information.

Research Assistant (RA) Position

The Department of Radiology at Michigan Medicine of the University of Michigan has an immediate opening at the assistant level for individuals interested in the development and application of advanced image-based analytical techniques in the field of thoracic radiology. Our group has a long history of algorithmic development of translucible MRI and CT-based biomarkers for disease phenotyping and prediction of therapeutic response and survival. The mission of our group is to fully exploit the spatial and functional information within clinical imaging data with the goal of advancing personalized medicine, both in terms of optimizing disease management, and tailoring treatment to the individual patient. On-going projects include topological feature extraction for improved COPO surgery, optimized radiation planning to minimize lung injury in lung cancer patients, and improves detection of deployment-related small airways disease in post-combat military personnel. These studies are performed in a multi-disciplinary environment which includes scientists, physicians, statisticians and engineers, as well as large clinical trials and industrial partners. We seek individuals with the motivation and initiative to expand the success of the group. A commitment of 2 years or more to the lab is recommended.

The individual will assist in image processing tools in order to perform three-dimensional reconstructions, image segmentation, image registration, and pattern recognition and image classification tasks on quantitative imaging (i.e. CT and MRI).

For more information, including how to apply, click here.

SWE Arconic and Cruise Automation

Corporate Information Sessions 10/2

Arconic
Tuesday, 10/2/18 8:00-7:30 PM
EECS 1003
Positions: Full-Time, Intern
Majors: Aero, ChemE, CE, CS, Data Sciences, EE, Environmental Engineering, IOE, MSE, ME
Degrees: Bachelors, Masters, PhD
Citizenship: US Citizen or Permanent Resident
Resumes: Yes

Cruise Automation
Tuesday, 10/2/18 8:00-7:30 PM
GBBL 1751
Positions: Full-Time, Intern, Co-op
Majors: Aero, CE, CS, Data Sciences, EE, ME
Degrees: Bachelors, Masters, PhD
Citizenship: None
Resumes: Yes

*Food will be provided!

Contact: Society of Women Engineers (see cs.publicity@umich.edu)

www.eecs.umich.edu