Student Programmer Posting at the University of Michigan Transportation Research Institute (UMTRI)

The Center for the Management of Information for Safe and Sustainable Transportation (CMISTT) at the University of Michigan Transportation Research Institute (UMTRI) is looking for a programming student to assist in the development of web-based data analysis tools as well as automation for crash and geo-spatial data.

The ideal candidate is a graduate student (or experienced junior/senior) with firm understanding of databases and web programming experience with a web scripting language. Candidate should have strong desire to improve existing web applications and data processes. Required skills: * javascript programming experience * Python programming experience * SQL (preferably MySQL/MariaDB) * working knowledge of revision control (Git, SVN) * comfortable working extensively in a Linux shell environment (Ubuntu) * basic shell scripting Desired skills: * Ubuntu Linux server administration (Apache, SVN, MySQL) * CSS/frontend styling (Bootstrap) * Amazon AWS - S3 * Python Pandas * Google Maps API, D3.js Click here for more information.

Participants Needed for Study on Driving Simulator

Are you interested in driving in a simulator and participating in a study for driver intention and vehicle safety?

We are recruiting participants to drive with the Logitech Driving Force G200 Racing Wheel simulator in a highway traffic merging scenario. The study will take approximately 1 hour, and it will be highly interactive. You will receive a compensation of $10/h for your participation. You must be 18 years of age or older, and have at least 1 year of driving experience.

If you are interested in participating, please sign up here.

Science, Mathematics And Research for Transformation (SMART) Scholarship for Service Doctorate Program is Now Open!

The SMART Scholarship application portal is now open for students to apply for the 2019 cohort. The application window will be open until 12/1/2019.

Scholars that are interested can apply at: https://smart.scholarship.gov.service-now.com/smart

The Science, Mathematics And Research for Transformation (SMART) Scholarship for Service Program (DoD of Defense):

This program has been established by the Department of Defense (DoD) to support undergraduate and graduate students pursuing technical degrees in Science, Technology, Engineering and Mathematics (STEM) disciplines. The program aims to increase the number of civilian scientists and engineers working at DoD laboratories.

Program eligibility requirements are as follows:
- a citizen of the United States, Australia, Canada, New Zealand, or United Kingdom.
- 18 years of age or older as of August 1, 2019.
- able to participate in summer internships at a DoD facility.
- willing to accept post-graduate employment with the DoD.
- a student in good standing with a minimum cumulative GPA of 3.0 on a 4.0 scale at the time of award.
- pursuing a technical undergraduate or graduate degree in one of the disciplines listed on the About SMART page.

Benefits of the program include:
* Full tuition and education related fees (does not include items such as meal plans, housing, or parking)
* Cash award paid at a rate of $25,000 - $30,000 depending on degree pursuing (may be prorated depending on award length)
* Summer research internships
* Health insurance allowance up to $1,200 per calendar year
* Miscellaneous Supplies Allowance of $1,000 per academic year
* Mentoring
* Employment placement after graduation

For questions on this program, please email: Ms. Linda Durant at linda.m.durant.civ@mail.mil

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

www.eecs.umich.edu