Association for Cosmic Manatees

23 April 2020
Tutoring

- Now available on Webex
- Schedules and links to rooms available on http://njit.acm.org
- Have questions, ask in #webex-tutoring on Discord
Special Interest Groups

- Android
- Algorithm
- Arch Linux
- CGI
- Data Science
- Sound
- XR (Cross Reality)
- SAC (Security, Audit, Control)
- Web Development
- Linux
- iOS
- Multimedia
- Cloud Computing
- Crypto
- Hardware
- Revenge (Reverse Engineering)
- Functional Programming
Special Interest Groups (SIGs)

Continue/Start a SIG!

- Webex
- Twitch
- Record Videos
- Discord Stream

DM Giancarlo for details!
SIG Python

Calc Video on standby - more videos?
SIG ALG

- Last week, Floyd’s cycle detection algorithm
- MEETING Next Week
  - On Friday, time to be determined
  - On vEB Trees
  - $O(\log(\log(u)))$ lookup time
Partner Organizations

- SIGGRAPH
- Art Club
- YWCC Mentoring
- Programming Team (ICPC)
- Google Developer Student Clubs

- NJIT Esports
- IGDA
- WiCS
- IEEE
Pluralsight

- They offered us 800 temporary licenses to learn some stuff on our own!
- Let us know if you’re interested and we’ll give you the sign-up link
  - Make sure you sign up with your NJIT email
OculoMotor Technologies is a venture-funded startup company spun out of NJIT by a team of recent graduates and current faculty members.

This is our second summer internship program. We are seeking a driven group of students with an interest in data analysis and virtual reality.

Preferred qualifications include the ability to work well in a collaborative and high-paced startup environment, as well as a passing interest in getting really, really good at Beat Saber.

Full job description available at omtvr.com. Send resumes to jobs@omtvr.com.

2020 Summer Internships

Machine Learning & Database Engineering Intern

- Apply machine learning techniques to extract desired information from existing eye movement dataset
- Iterate on classifier algorithm that is applied in real-time to eye movement data
- Set-up, test, debug, and run analysis pipeline
- Compare results to existing standard of human-operated analysis program
- Design tables, storing procedures, views and functions for a SQL database
- Document and manage analysis pipeline
- Design front-end web-based UI for viewing data and metrics

Virtual Reality Experience Design Intern

- Create and/or utilize assets from the Unity Asset Store
- Develop one-off, arcade-style experiences
- Maintain precise mathematical relationships between game objects
Onto a more serious topic

We caved.

#block-game
How is everyone doing?
Open Floor
ACM Student Membership Benefits

- Access to the Learning Center
  - Online courses, books, webinars
- Access to ACM Digital Library
  - Research papers
- Access to ACM’s Career and Job Center
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