CM1301: Principles, Tools, and Techniques for Secure Software Engineering

Dr Daniel J. Finnegan

2023/2024



• EngD in virtual reality

- Office hours: See LC
- For details, best visit my site: ps2fino.github.io
- When contacting me via email, you SHOULD prepend the email subject line with "CM1301 Student Query:" otherwise the likelihood of receiving a prompt response from me is in the single digits
- Office Address: Abacws Building, Room 2.60
- If you're ill/suspect you're ill, please do not come to my office; meet online instead. I typically take no more than 3 students in my office at a time; you may have to wait.

Greetings

Dr Daniel J. Finnegan's homepage

About me

In a Senior Lecture (Associate Professor) in the School of Computer Science & Information at Cardiff University, working on human computer interaction (HCI) and multisensory perception in virtual and naised reality with the Human Centrel Computing group. If you are interested in doing a FMD, Miles, or other postgraduate research.

I work on many different projects, and you can see my published work here. I cannot my EngD in Digital Modiferam Beils, and before this I received my Bids in Computer Science from UCD. In always happy to meet see proceds, and my one not no collaboration expectations on createst involving. HCL percention, continue, visual

people, and me spen to entitlementon experiments on regretar involving HLL promption, cognition, visitating metally, markolas interrupts, porthore supporting, gare design in development, and zero promption flow exhaust topical of games. In or desiring, porthore supporting, game design in development, and zero promption of games and experiences with an explant or most changes framework to the first in X-ray and the X-ray and X-ray an

Here's a video real of recent projects I've supervised/hel which you may find interesting/useful to learn more about the leads of those I'de.





Let's be social

of in O

or
or







Dr Nervo Verdezoto Dias





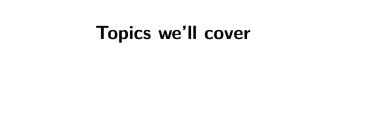
Dr Carolina Fuentes Toro



Dr Yulia Cherdentseva



- · Autumn W6 to Autumn W 12 -> Dr Verdezoto
- · Autumn W12 to Spring W4 -> Me
- · Spring W4 -> Spring W10 -< Drs Fuentes Toro & Cherdentseva



- Requirements Engineering
 - User Stories/Scenarios
 - Interviews
 - Feature descriptions
- Object Oriented Programming
 - Relationships
 - UML diagrams
 - Modularity
- Software Development
 - Scrum, Kanban
 - Reporting (!)
 - Version Control

Security

Language agnostic \rightarrow C/C++, R, Python, Java, Javascript etc. . .

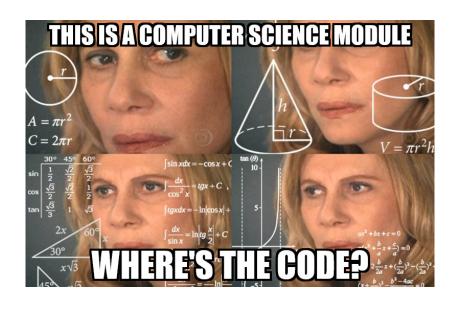
What this module is *not* about

- This is not a python programming module
- This is not about writing hundreds of lines of code
- This is not about python

In Short







Coursework (cont)

- 3 tests throughout the year
 - These may be in your timetable already; if not, don't worry: announcements will be made via LC
- Administered via Learning Central but MUST be taken on the day of release.
- 10 questions per test on topics covered up to the day the test is taken.
- Designed to make you reflect upon and apply learning in labs/class.
- Proforma with details available via LC

References I