





Agenda

Demos of student work
Faculty, Philosophy & Curriculum
Employment outlook
Alumni profiles

Interactive Media and Game Development

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Meet the team Kaamil **Brittany** Charlie Tori Henriques Buyck Lokhandwala Baldwin Matt Janelle Charlie Johannesen Dorr Knight Kittler

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Team projects

- Central to the WPI Plan
 - IQP and MQP
- Many course assignments are team-based too!
 - Helped us prepare for bigger projects later
- Teamwork is <u>critical</u> in the game industry
 - Especially among people from different disciplines

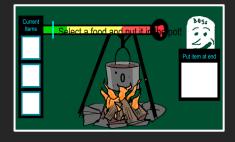
Extracurricular support

- 4+ game jams per year
 - Learned to prototype and get organized quickly
 - o Great time to experiment!
- Easy access to resources
 - o Computers, VR equipment, 3D printers and more
- Professors with strong industry experience
 - Helping with pitches, portfolios, internships, etc.

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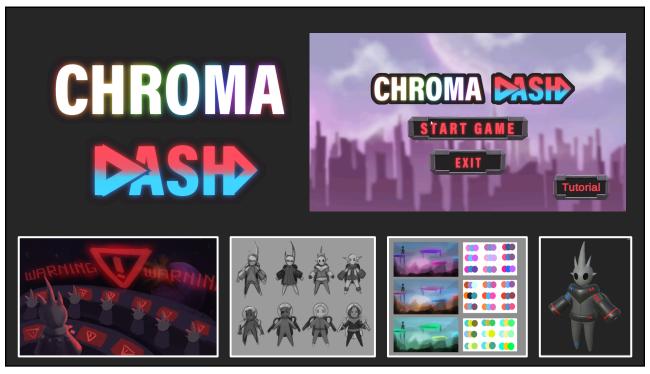
Cutthroat Game Jam: Campfire Kitchen







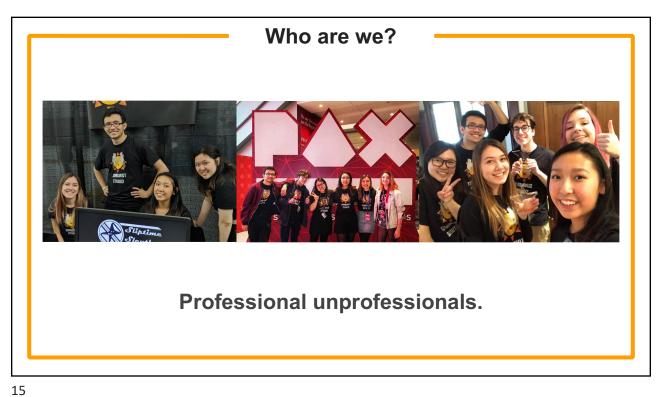


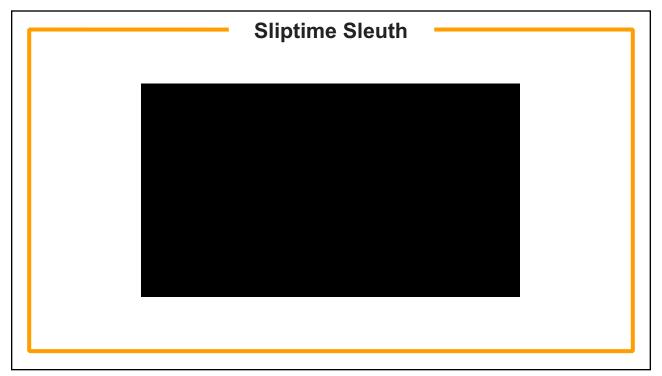




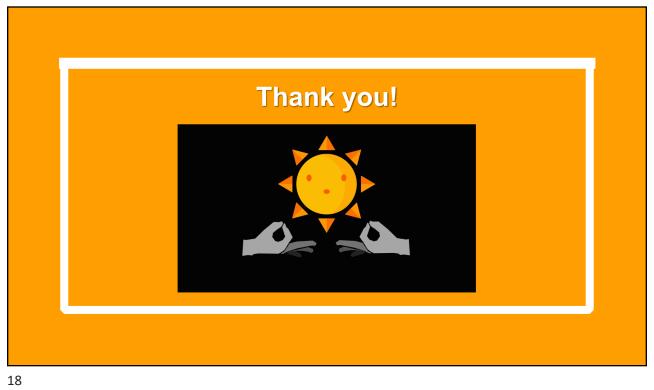
















Faculty Expertise



Technical Development: Engine architecture, networking, procedurally-generated content, game AI, virtual/augmented reality, data analytics/visualization
 2D Art/Animation: Digital painting, graphic design, concept illustration and storyboarding, traditional and digital animation, studio techniques/practices

3D Art/Animation. Digital sculpting, polymodeling, texturing/mapping, lighting, rendering Technical Art: Rigging, mesh optimization, motion capture, pipeline management Design: Tabletop and digital prototyping, game engine scripting, iterative playtesting, instrumentation and metrics documentation.

Writing: Nonlinear and interactive narrative, character development, scriptwriting, alternate reality games (ARGs), escape rooms

Music/Audio: Traditional and digital music recording, synthesis, sound effects and Foley, editing, mixing, robotic and live-coding performance



Interactive Media and Game Development

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Philosophy: Hybrid Thinkers!





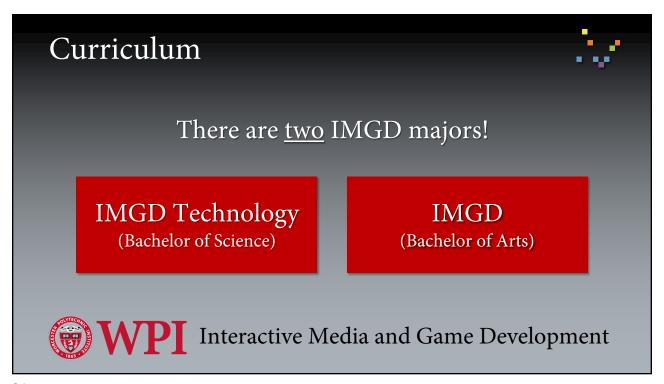
All IMGD students gain hands-on, team-oriented, project-based experience in every aspect of the interactive media and game development process.

Everyone takes courses in programming, design, content creation (art, animation, writing, audio), testing and management.

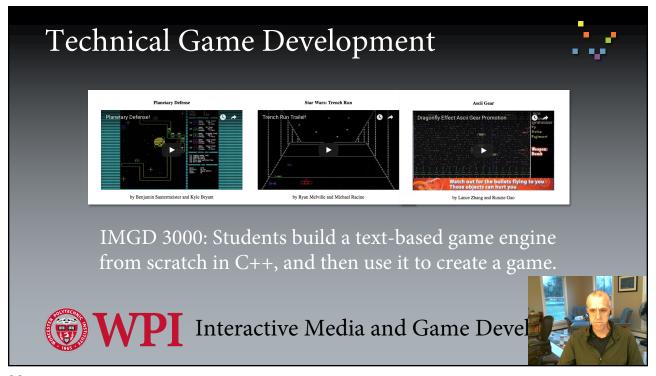


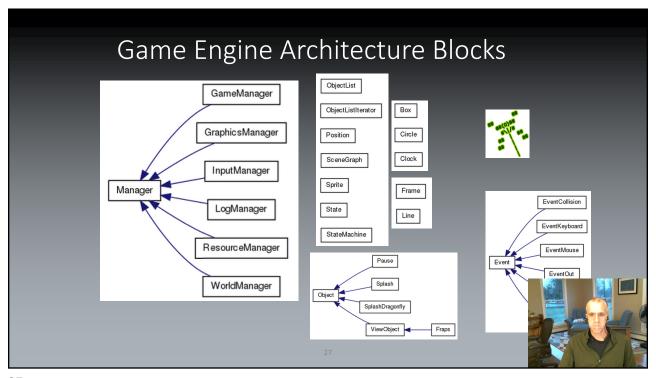
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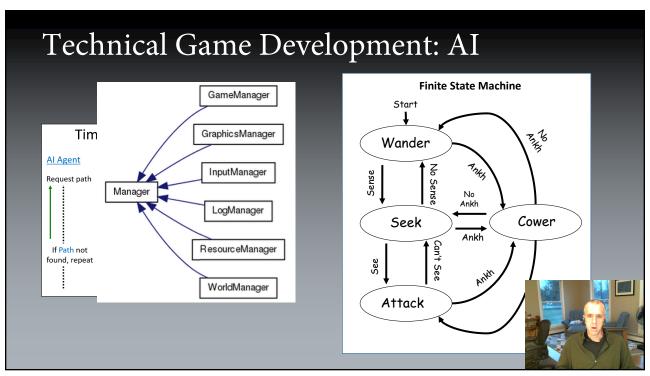


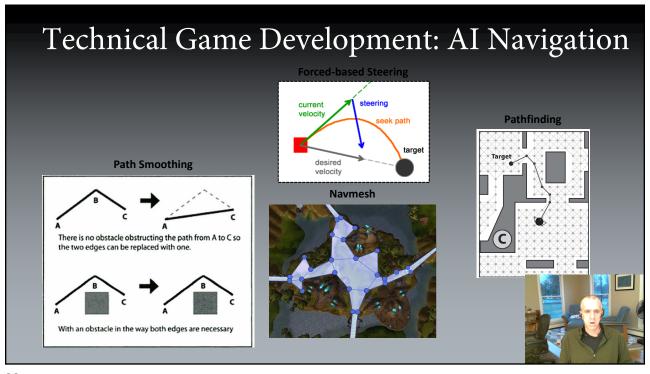


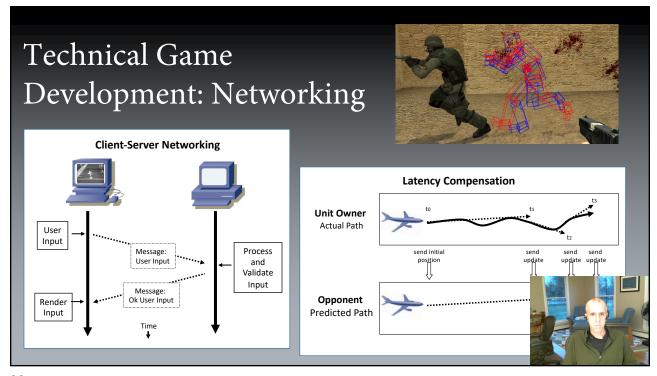


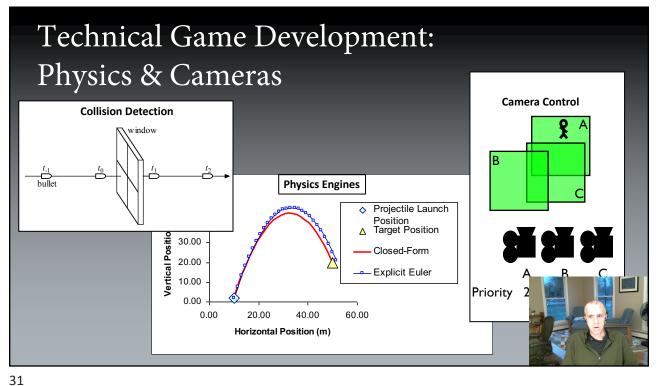


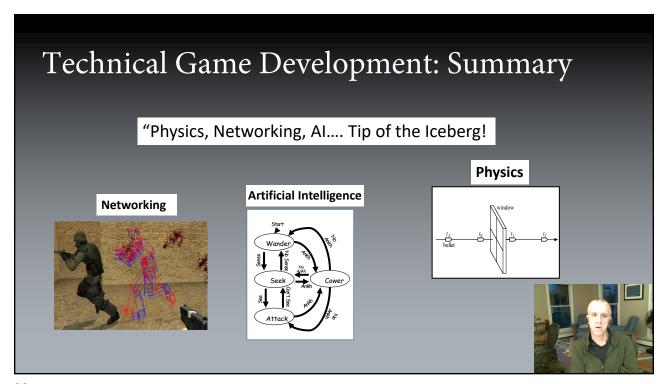




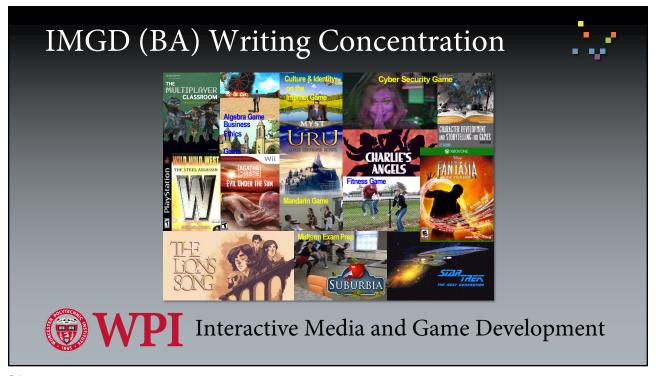


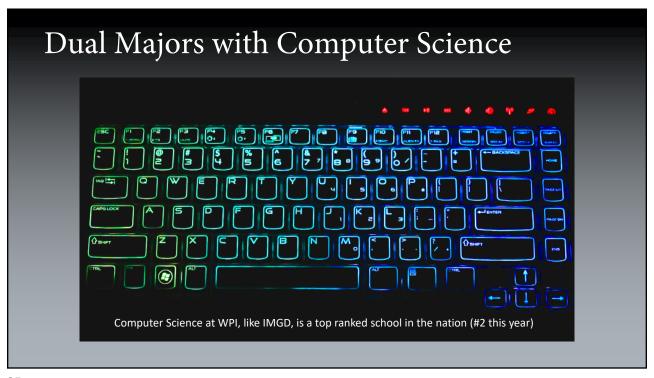






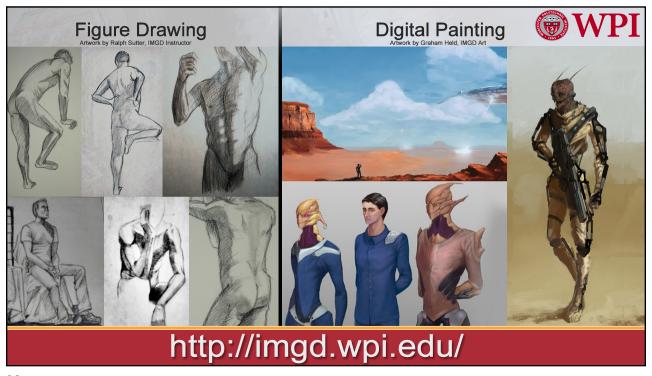


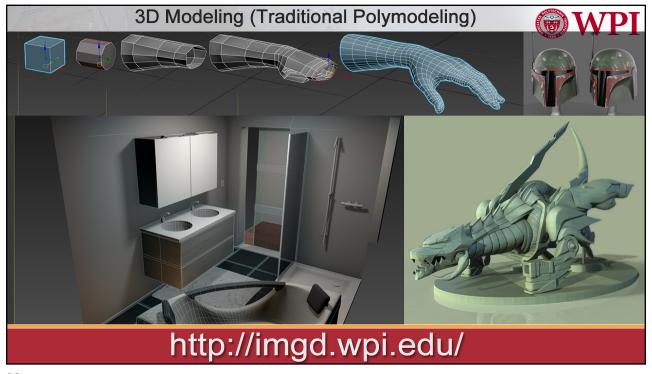


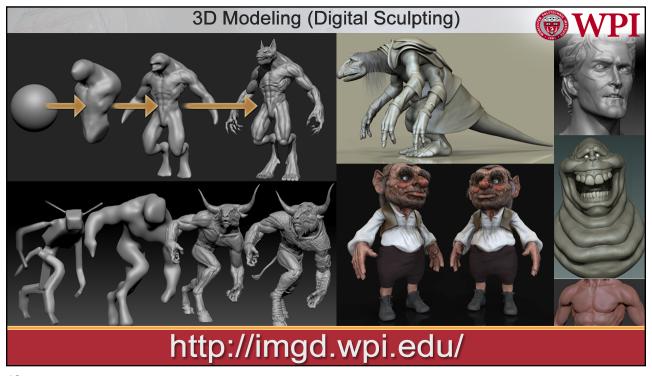




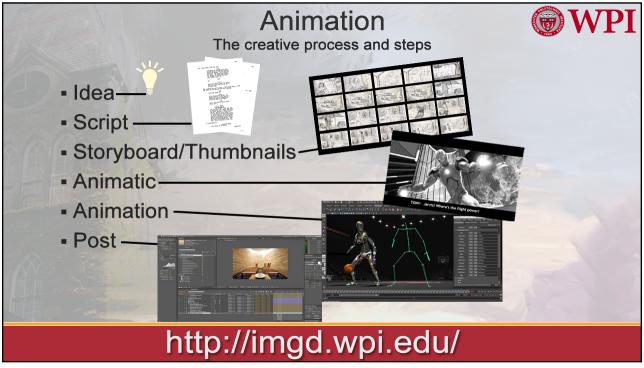


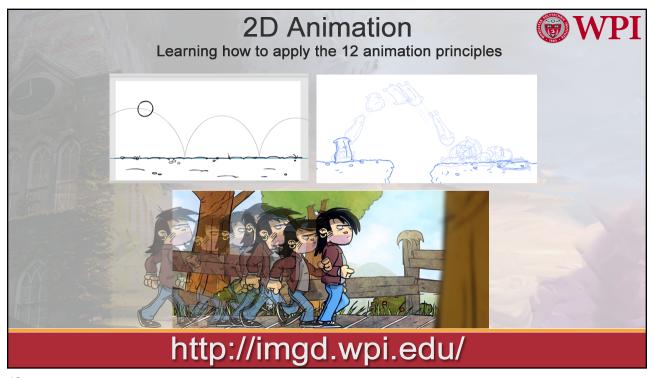


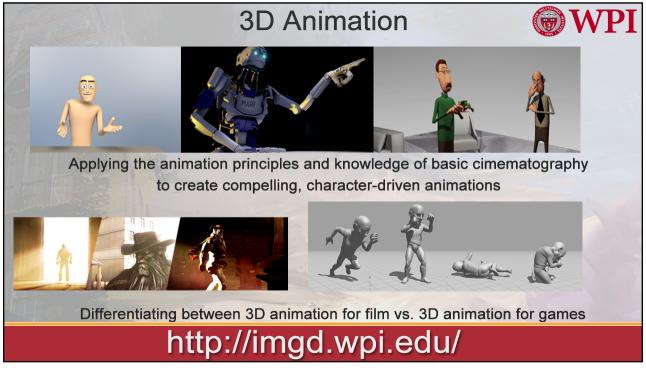


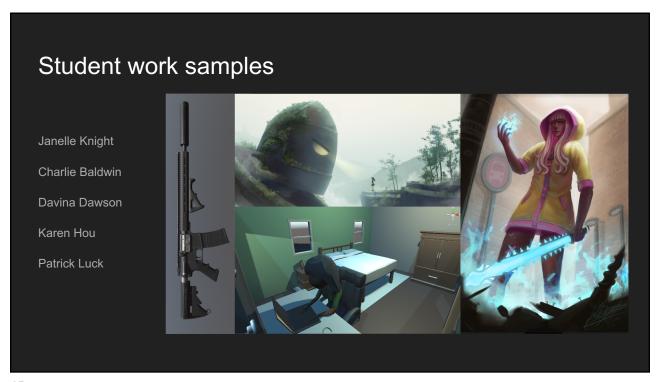


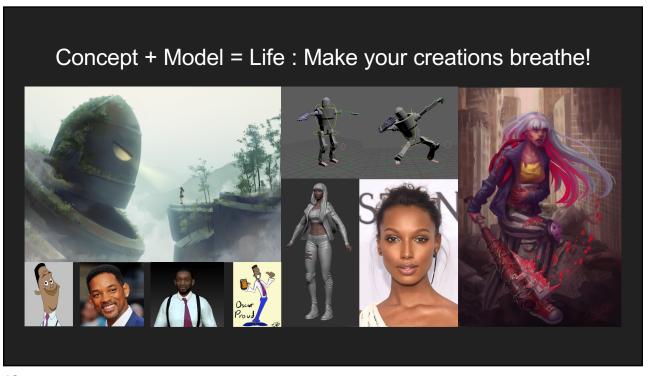


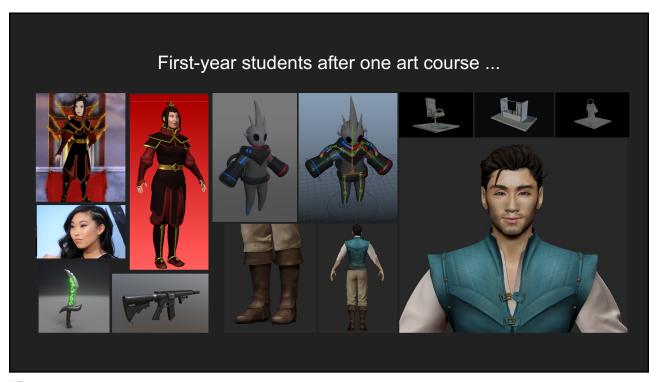


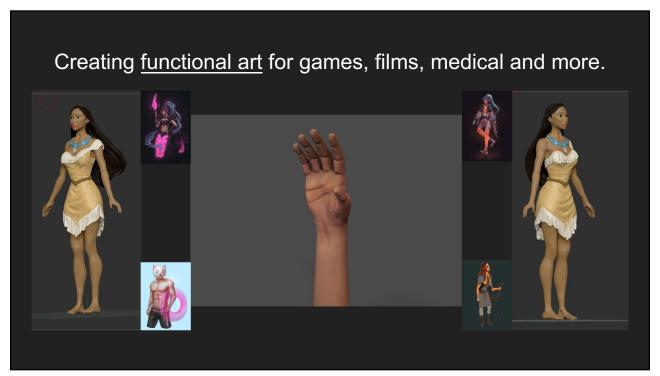


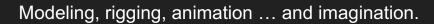












WPI was a good choice for this because of its seamless integration of both the arts and technology into their classes.



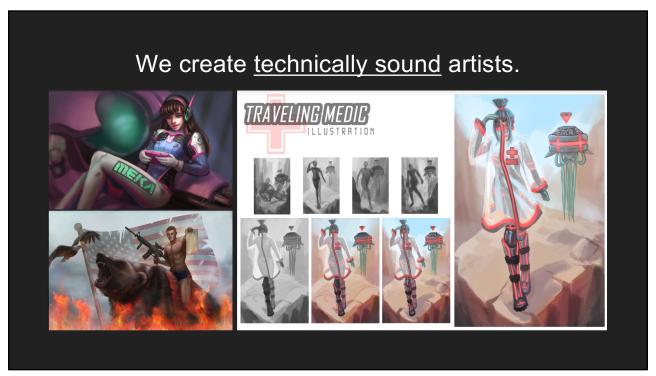
- Patrick Luck

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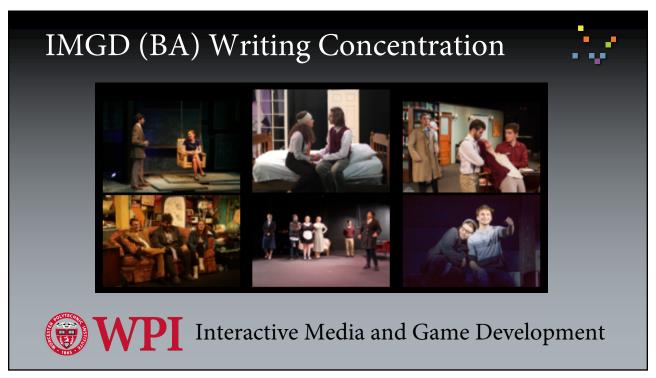








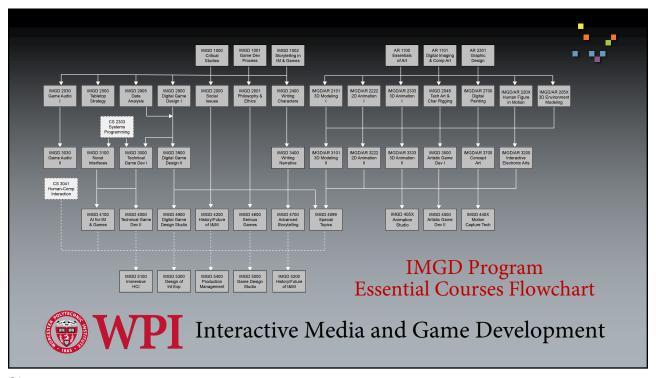


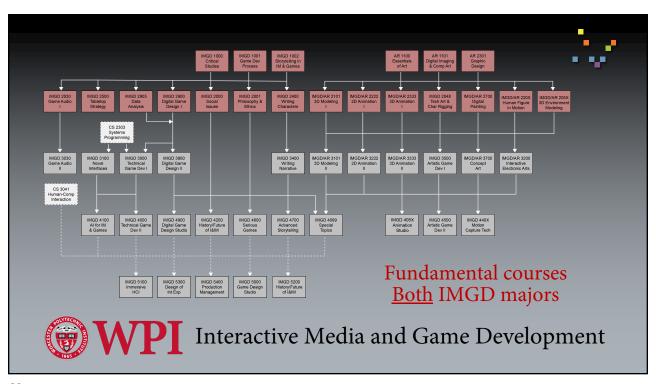


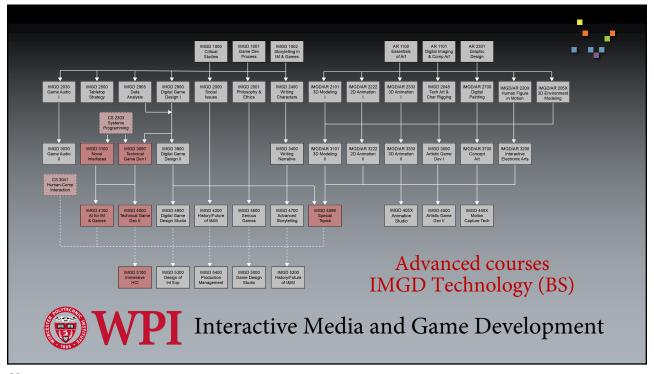


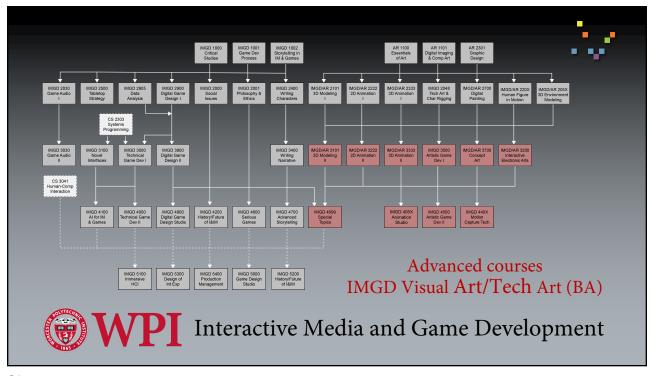


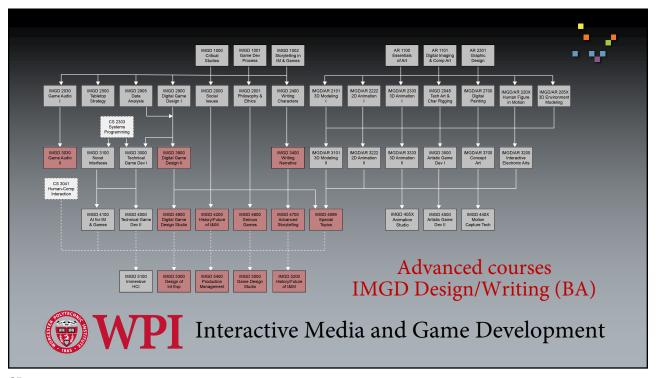


























Professional Support

- Career Development Center: only school to be top ranked for:
 - Best career services
 - Best career placement
 - Best school internships
- One of the best retention rates in the country (95%)
- MassDigi, Showcasing, Alumni network, etc.



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Alumni employment





Tracking ~60% of IMGD alumni (2016)

- 45% entertainment game industry
 - Riot, Hasbro, Activision/Blizzard, Harmonix, Boss Key, Starbreeze
- 25% technology/engineering
 - Raytheon, AMD, MIT Lincoln Lab, Mitre, Nuance
- 5% interactive media/web development
 - Push Group, Bose, Applied Interactive, Creat Studios
- 5% graduate school
 - WPI, SMU Guildhall, USC Gamepipe
- 20% other



Interactive Media and Game Development



















Alumni Game Credits (Sample) 1 2 3 Kick It! Jack Lumber Ricochet HD Dream Zoo Drunken Robot Pornography Rock Band 2 & 3 Lego Rock Band AC/DC: Rock Band Dungeons & Dragons Online Lord of the Rings Online Rock Band: Country Pack 1 & 2 Rock Band: Metal Track Bad Apples: Battle Harvest Rock Band: Music Store LoTR: Riders of Rohan Ball Buster Blast Elegy for a Dead World Beatpop Bioshock: Infinite Nigeria Small-Scale Exports Nightshade Academy Interactive Media and Game Development

