JESSICA PENG

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University of Demonstration Cohest of			cation ———		
University of Pennsylvania, School of Candidate for B.S.E. in Digital Media Do Candidate for M.S.E. in Computer Grap	esign (Compu	iter Science/Cor			May 2019 May 2020
Coursework Programming Languages & Techniques Advanced Computer Graphics, Interact		Graphics, Math	ematical Foundation		
The New York Times I New York NV		Ехре	erience ———		luno 2019 August 2019
The New York Times New York, NY Graphics Intern (VR/AR) - Immersive P Researched and scripted a 3D visua Prototyped 3D models and photogram Performed R&D on the Microsoft Hole Received credits in the development Chemical Attack" and "Step Inside the	I of a particle mmetry asset lolens to explo of two high-p	explosion in Mays on iOS using Note future mixed rofile articles inc	/a using JSON data //aya, SceneKit, ARI reality capabilities v luding "How We Cre	Kit, and Sketcht	ab to visualize AR moments video in immersive articles
The Daily Pennsylvanian Philadelphia, PA Interactive Web Developer - Projects Department					August 2017 - Presen
Implement front-end and back-end fe Collaborate with the Design Team to	eatures of spe				
Molex Lisle, IL Product Management Intern - Power Signature	anal Pusinssi	. I Init			May 2017 - August 2017
 Independently spearheaded the production connectors, and assembled the comp Developed virtual/augmented reality Photographed, edited, and tracked or 	luction of all 2 ponents to de visuals for we	D/3D graphics a velop a compreh b and mobile ap	ensive prototype of plications to drive the	the kit accompa ne use of emerg	anied by a custom website jing technologies in marketing
University of Pennsylvania Philadel CIS 110 Teaching Assistant • Held office hours for 4 hours per week	-	assignments ar	nd exams for the Inti	roduction to Pro	January 2017 - May 2017 ogramming in Java course
Guided students in solving programn					
One and the Object Original differentianal	D	_	kills ———		Destate where Opening Destay
Concepts: Object-Oriented/Functional Technologies & Applications: WebGL MotionBuilder, Illustrator, Photoshop, Af Languages: Java, C++, C#, HTML/CS: Frameworks & Tools: Bootstrap, Three Version Control: Git	., OpenGL, U fter Effects, Pi S, JavaScript,	nity 3D, Microso remiere Pro, Dre	ft Visual Studio, Qt (amweaver, KeySho	Creator, Scenek	Kit, ARKit, Xcode, Maya, Mudbox,
		Pro	jects ———		
3-D Crossword (Team Project) The I Designed and developed a browser-b User interacts with the crossword by Additional features include auto-comp	based crossw zooming in/or	ord game in a 3I ut, panning, and	D environment using rotating it with a tou	chpad	•
Kessler Project (Team Project) Walt	Disney Imag	ineering Finalis	st		January 2018
 Chosen as one of the top six teams f Created a holistic themed experience Presented to managers and executiv 	e where visito	rs can travel to c	uter space and exp	lore relics of sp	ace history and exploration
Rendering Engine Advanced Compo • Built a rendering engine from scratch • Users can load customized OBJ files	n using C++, (Qt, and OpenGL		direct/indirect l	March 2018 ighting, and photon mapping renders
Dining Guide (Fall 2017 & Fall 2018 E • Designed and developed the magazi CSS, JavaScript, Bootstrap, Mapbox	ne's annual d	ining guide featu ax library	ring editors' picks o	f restaurants ar	October 2017, September 2018 ound Philadelphia using HTML,
		Act	ivities ———		
Society of Women Engineers					lanuary 2018 - Present

• Re-design the existing organization web page and coordinate hackathons and technology events with company representatives

January 2017 - December 2017 Corporate Dinner Committee Co-Director

· Coordinated SWE's largest networking event of the year comprised of over 150 attendees including students and representatives

*Also a member of: Women in Computer Science, The Daily Pennsylvanian, and Alpha Phi

Hobbies & Interests: long-distance running, U.S. Presidents trivia, baking/decorating cakes, painting