JESSICA PENG

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| ⊕jessicapeng.net 🚡 /jess- | peng/ | ightharpoonup jesses | [(412) 807-0062 |
| | Edu | cation ———— | |
| University of Pennsylvania, School of Engir Candidate for B.S.E. in Digital Media Design Candidate for M.S.E. in Computer Graphics & Coursework | (Computer Science/Con | | May 2019 May 2020 |
| Programming Languages & Techniques II, Da Advanced Computer Graphics, Interactive Co | | | |
| | Ехре | erience ———— | |
| The New York Times New York, NY Graphics Intern (VR/AR) - Immersive Platform • Prototyped 3D models and photogrammetr • Researched and scripted a 3D visual of a p • Performed R&D on emerging platforms, incimmersive articles | y assets on iOS using No article explosion in May | Maya, SceneKit, ARKit, and Sketchf ya using JSON data for an upcomin | g article on a particle physics lab |
| The Daily Pennsylvanian Philadelphia, PA | | | August 2017 - Presen |
| Interactive Web Developer - Projects Departm Design and develop front-end and back-en Build 2D browser games in JavaScript as a | d features of special pro | | den infinite runner game (ongoing) |
| Molex, Inc. Lisle, IL Product Management Intern - Power Signal B | usiness I Init | | May 2017 - August 2017 |
| Spearheaded the production of all 2D/3D g Developed virtual/augmented reality visuals Photographed, edited, and tracked over 1,0 | raphics and marketing a s for web and mobile ap | plications to drive the use of emerg | ing technologies in marketing |
| University of Pennsylvania Philadelphia, I | PA | | January 2017 - May 2017 |
| CIS 110 Teaching Assistant Held office hours for 4 hours per week and Guided students in solving programming pr | | | |
| | s | kills — | |
| Concepts: Object-Oriented Programming, Fu Technologies & Applications: WebGL, Ope MotionBuilder, Illustrator, Photoshop, After Eff Languages: Java, C++, C#, HTML/CSS, Java Frameworks & Tools: Bootstrap, Three.js, N Version Control: Git | nGL, Unity 3D, Microsof ects, Premiere Pro, Dre aScript, jQuery (<i>Familia</i> | ft Visual Studio, Qt Creator, Scenek amweaver, KeyShotVR, Sketch, Ma | Kit, ARKit, Xcode, Maya, Mudbox, |
| | Pro | jects ———— | |
| 3-D Crossword (Team Project) The New Y Designed and developed a browser-based User interacts with the crossword by zoomi Additional features include auto-complete w | crossword game in a 3I ng in/out, panning, and | D environment using HTML, CSS, J rotating it with a touchpad | • |
| Kessler Project (Team Project) Walt Disne Chosen as one of the top six teams from or Created a holistic themed experience when Presented to managers and executives for | ver 250 teams nationally e visitors can travel to o | y to compete in the Walt Disney Ima outer space and explore relics of spa | ace history and exploration |
| Rendering Engine Advanced Computer G | raphics | | March 2018 |
| Built a rendering engine from scratch usingUsers can load customized OBJ files into the | C++, Qt, and OpenGL | | ighting, and photon mapping renders |
| Dining Guide (Fall 2017 & Fall 2018 Edition • Designed and developed the magazine's a | | | October 2017, September 2018 ound Philadelphia using HTML, |

Activities

CSS, JavaScript, Bootstrap, Mapbox, and the Rellax library

Society of Women Engineers

Technology Director

January 2018 - Present

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

Corporate Dinner Committee Co-Director January 2017 - December 2017

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