Henry Pan

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EDUCATION

University of California, Santa Cruz   2013 -- 2017
Bachelor of Science (B.S.) in Computer Science

Elective Courses: Mobile Applications, Artificial Intelligence, Software Engineering,
Web Applications, Database Systems

SKILLS

Languages: Python, Java, Ruby, JavaScript, HTML/CSS, C++
Software / Technologies: Android, Git, PostgreSQL, Photoshop

PROJECT EXPERIENCE

Studio Xehryn (Independent Game Development Studio - www.xehryn.com)   Aug 2014 -- Present
Freelance / Independent Game Developer
- Shipped three independent titles for Windows PC.
- Developed game prototypes and design documents for clients as a freelance developer.
- Created and maintained the studio website with content, bringing in 100-250 monthly users.

Gate of Providence (Game, Ruby)
Lead Developer, Director
- Developed a full-length video game with 15+ hours of gameplay and over 1400 downloads.
- Led a team of four to develop a three year long project, ensuring the product was released on schedule without cutting any major features.

NutriFit (Android Application, Java)
Front-End Developer, Scrum Master
- Designed and developed the front-end of the Android application, including UI and UX.
- Coded the fitness journal tracker and resistance training weight calculator, saving time for users by combining multiple features into one application.
- Facilitated Scrum methodology as a Scrum Master, keeping the team on track.

IFEI - Interactive Fiction Engine and Interpreter (Game Engine, Haskell and Java)
Developer
- Designed the overall design of the application, which was used by the team to develop two separate programs with identical functionality but different paradigms.
- Implemented method to parse a user-defined plain text file into game data for the interpreter.
- Programmed the Haskell portion of the engine.

WORK EXPERIENCE

SerenEthos Care and Rehabilitation Center   Jul 2019 -- Present
IT Support Technician, Medical Records Clerk
- Facilitated the transition from paper to digital paperwork for skilled nursing facilities by setting up computer hardware and digital forms with electronic health record systems.
- Improved workflow for healthcare workers and the business office by introducing timesaving tools and procedures, eliminating manual data entry and bottlenecking.
- Audited and filed medical records and nursing paperwork for two skilled nursing facilities.