Brian Lee

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EDUCATION

University of California, Santa Barbara   Expected Graduation: June 2018

Bachelor's of Science, Computer Science, GPA: 3.19

Relevant Coursework: Object Oriented Design, Data Structures & Algorithms, Human-Computer Interaction, Artificial Intelligence, Application Programming, Probability & Statistics, Linear Algebra, Vector Calculus

EXPERIENCE

Independent Video Game Development   Summer 2014 - Current

- Program gameplay elements using RGSS3 Engine and Unity
- Lead project teams in creation of turn based RPG using Enterbrain's RPG Maker software
- Write and plan story, levels and environments
- Create and manipulate sprites using Piskel and SFML

NOTABLE CODING PROJECTS

Alien Hunter (Cat-and-Mouse)   January 2017 - March 2017

- Developed a multiplayer game in C++ with SMFL framework, praised by peers and TA
- Utilized agile development practices, UML design, user analysis, use case analysis, Unified Processes
- Created sprites and animations, designed maps, debugging
- Worked in a team of 5 for 3 months, acting as point of contact between instructors and team

MyWaiter   March 2017

- Designed and developed order-taking Android app to help waiters in restaurants take and send orders to the kitchen
- Used key Human-Computer-Interaction concepts to develop UI/UX design

Connect Four   October 2016 - December 2016

- Worked with a partner to make improvements, fixed bugs, and implemented new features for legacy project using Java
- Kept my partner on track, on task, and made sure that we made every deadline
- Improved Artificial Intelligence to make the difficulty settings more challenging

CERTIFICATIONS AND SKILLS

Software: Experience with RPG Maker VX Ace, RPG Maker MV. Experience with Unity. Experience with Poser 10. Experienced with both Microsoft Office and certain programs in the Adobe Creative Suite. Specifically, Adobe Premiere, Photoshop and Bridge. Some experience with Dreamweaver and Xara.

Programming languages: C++, Java. Basic knowledge of C#, C, and Ruby

Operating Systems: Experienced with both the Macintosh OS as well multiple Windows OS

CompTIA IT Certifications: Storage +, Verification code: 8K68K6KM2LBQ1FH9 (verify at http://verify.CompTIA.org); Security +, Verification code: JFG0TMEJ6DB1KQRC (verify at http://verify.CompTIA.org); Network +, Verification code: S0HWWJGLZP1EKL3Z (verify at http://verify.CompTIA.org)

LANGUAGES: Fluent in English, Conversational in Korean.