SAM SAKS-FITHIAN

2501 Pico Blvd, Apt. #103, Santa Monica, CA 90405 ◆ samsaksfithian@gmail.com ◆ 773-816-9992

https://www.linkedin.com/in/sam-saks-fithian ◆ https://github.com/samsaksfithian

OBJECTIVE: Seeking to apply my analytical skills and learn more in a position where I can make the most of my broad range of computer science experience and proven ability to quickly learn new programming languages, software, and systems.

EDUCATION

Rensselaer Polytechnic Institute   *Bachelor of Science, May 2018*
- Computer Science Major with Game Studies and Economics Minors
- Dean's List for two semesters, and Dean's Honor List for two semesters

Additional undergraduate coursework taken at Carnegie Mellon University and the Illinois Institute of Technology

SKILLS

Programming: C++, C#, Java, Python, JavaScript, HTML5, SQL, Scheme, and Prolog

Professional Software: Google Apps, Microsoft Office, and the Adobe Creative Suite

Game Design: Unity (2D and 3D), Unreal Engine, Tynker, Scratch, and Construct 2

RELEVANT COURSEWORK

- *Data Structures*
- *Algorithms*
- *Principles of Software*
- *Foundations of Computer Science*
- *Operating Systems*
- *Programming Languages*
- *Computational Social Processes*
- *Intro to Artificial Intelligence*
- *Graph Theory*
- *Data and Society*
- *Intro to Game Design*
- *Game Mechanics*

JOB EXPERIENCE

Advising & Learning Assistance Center Tutor, *Rensselaer Polytechnic Institute*   *Winter 2015 to Spring 2018*
- Specialized in teaching for Data Structures, Foundations of Computer Science, and Logic courses

iD Tech Camps Instructor, *Chicago's GEMS World Academy*   *Summer 2016*
- Instructed the Adventures in Robotics, Robotics Engineering & Visual Programming, and Adventures in Coding & Game Design With Tynker courses
- Compiled lesson plans explaining the fundamentals of robotics and programming, and made videos of the students' progress and accomplishments (http://tinyurl.com/idtechrobotics-gems2016)
- Helped manage and instruct children throughout the day, including class, activity, and meal times

Assistant Night Manager, *Chocolate Shoppe Ice Cream*   *Winter 2013 to Summer 2018*
- Served customers, cleaned and maintained the store, and trained new recruits   *(Intermittent)*
- Notably reorganized the display of ice creams to increase the visibility of under-selling flavors

LEADERSHIP

Treasurer and Safety Officer, *RPI Humans vs. Zombies club*   *Fall 2015 to Fall 2016*
- Make the yearly budget and control club finances   *Spring 2018*
- Determine if conditions are safe for play and enforce rules and safety restrictions
- Settle disputes between players and ensure games run smoothly

Treasurer, *Illinois Senior Classical League*   *Spring 2014 to Spring 2015*
- Controlled finances for a state-wide club for the appreciation of ancient cultures
- Helped plan and run a convention for more than 500 high school students

EXTRACURRICULARS

Designer and Member, *RPI Game Development Club*   *Fall 2015 to Fall 2016*
- Participated in the RPI Fall 2015 Game Jam (creating a videogame in 24 hours)
- Won first overall and first in design at the University at Albany, SUNY site of Global Game Jam 2016 with a game created in only 48 hours with a small group (http://globalgamejam.org/2016/games/totem-rush-0)