TOMMY FANG

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EDUCATION

Rensselaer Polytechnic Institute, Troy, NY   Class of 2017
    Dean's List, GPA: 3.12
    First Major: Bachelor's Degree in Computer Science
    Dual Major: Games, Simulation Arts and Sciences

Beaufort Academy, Beaufort, SC   Class of 2013
    Honor Roll, GPA: 3.84

PROFESSIONAL EXPERIENCE

Rensselaer Center for Open Source, Software Engineer   2014-present
Troy, NY
- Managed team of four developers and designed a custom game engine in Java for PokémonRPI
- Directed the design of campus using a team built custom map editor.
- Developed story, art, and plot that relates to RPI campus.

PyClarion Research Project, Software Engineer   2015-present
Troy, NY
- Designed GUI for a hybrid cognitive architecture in Python using PyQt and SQL.
- Worked in a team of five to collect data on AI choices based on models, motivation, and metacognition.

SKILLS

Technical: Python, C, C++, Java, HTML/CSS, JavaScript, Git, Assembly, LaTex, GameMaker, PyQt
Spoken Languages: English, Chinese (Mandarin, Fuzhou Dialects), Spanish

RELEVANT COURSEWORK

Intro to Game Production
- Worked on a team of eight people with a client to ship out an industry-grade game.
- Took on the role of Artist/Programmer in an industrial environment.
- Ensured that milestones are met and client is happy with progress.

Intro to Algorithms
- Designed, implemented, and analyzed algorithms for different problems.

Data Structures
- Learned class design and features of C++ to solve real-world problems.

Computer Organization:
- Intro to computer organization, performance, C, and Assembly language.

EXTRACURRICULAR ACTIVITIES

Game Development Club, Member   2013-present
Delta Tau Fraternity, Brotherhood Chairman   2013-present
Intramural Sports League, Captain   2013-present
- Soccer, Volleyball, Ultimate Frisbee, Touch Football, Ice Hockey, and Field Hockey.

Society of Asian Scientists and Engineers, Mentor   2013-present

AWARDS

Heritage Classic Foundation Scholar
Rensselaer Leadership Award
Kershner Scholar
Change The World Challenge 2015 Winner