Eva Knight

Phone: 07907167582
Email: Eva.L.Knight@gmail.com
DoB: 11/04/1996

Summary

A technically minded programmer with a strong academic background and a variety of work experience - both team based and self-managed. I've been programming since the age of 10 with a passion initiated by, but not limited to, video games; I consider it not only a skillset but a way of thinking that has informed how I solve problems in general.

WORK EXPERIENCE

February 2020 - Present
Software Engineer

Featurespace(https://www.featurespace.com/)
Fraud and financial crime management system utilizing Deep behavioural networks

▪ Microservice infrastructure development

▪ Web-based UI development

▪ Chef/Kubernetes deployment automation

▪ Urgent and high-priority customer facing tickets

June 2018 - December 2019
Technical Developer

Jagex (https://www.jagex.com/)
Work on game "Runescape":

▪ Implementing systems to support gameplay

▪ Gameplay programming

▪ Mobile interface implementation

▪ LiveOps and monetisation development

▪ Toolchain development/automation

June 2017 - September 2017
Games Programming Internship

NaturalMotion (http://www.naturalmotion.com/)

Work on unannounced game.

▪ Gameplay programming (C#)
▪ Backend programming (PHP)
▪ Light UI work (Unity)
▪ System design

Freelance/Contracting

Self employed via internet, primarily through email or IRC/slack.

▪ Web design / implementation
▪ Code debugging / extension

Work on game "Tech Compliant":

▪ General debugging
▪ Design, implementation and maintenance of an assembler in C++
▪ Efficient voxel asteroid generator based on metaballs algorithm, implemented in C++

EDUCATION AND TRAINING

2014 - 2018   MEng Computer Science with AI

The University of York, York
First year: 81.3%
Second year: 83.8%
Third Year: 80.2%
Fourth year: 76.9%
Overall awarded mark: 80%
Classification: First Class Honours (With Distinction)

2010 - 2014   CCF: RAF - Cadet Sergeant

Exeter School CCF contingent – RAF division

▪ Gliding scholarship – 11 day course on an RAF base learning how to fly a powered glider
▪ Entered into the Air Squadron Trophy Competition
▪ Extensive problem-solving, first aid and crisis management courses, as both a participant and as an instructor

2012 - 2014   A - levels

Exeter School , Exeter, Devon
The following grades were obtained at an A2 level:

▪ Maths – A*
▪ Further Maths – A
▪ Physics – A*
▪ Electronics – A*

Miscellaneous

▪ Scrum Alliance scrum certification
▪ LFA Japanese language course
▪ Skydiving course

I am familiar with:

C#, Java, C++, Python, C, Haskell, Scheme, JavaScript, PHP, Lua, Git, Perforce, SVN
Windows, Linux, Mac; I am entirely comfortable working in a command line environment

REFERENCES AVAILABLE ON REQUEST - Some of these are held in a previous name, which can be disclosed along with supporting documentation as required.