Aashiq Parker

Personal Information

Place of Birth:	Cape Town, South Africa
Contact:	+27 71 151 2409	amp940703@gmail.com

Work Experience

Current
DEC 2016 | **Research Assistant at University of Cape Town, Cape Town**
Setting up, running and maintaining computational experiments in Unity3D.

Dec-Mar 2017 | **Software Development Intern at Oracle Cloud, Cape Town**
Developed and productised a debugging tool for the asynchronous event-handling framework Twisted in Python.

Jun-Jul 2016 | **Software Development Intern at iTouch Messaging Services, Cape Town**
Developed a Xamarin Android API for an emergency text messaging service.

Jun-Jul 2015 | **Data Analyst Intern at CSIR Meraka Unit, Pretoria**
Developed a prototype web tool for visualizing data collected by the Gauteng Department of Infrastructure and Development using Django and D3.

Education

2016 | Honours in Computer Science, **University of Cape Town**
First Class Pass

2013-2015 | BSc in Computer Science and Game Development, **University of Cape Town**
Distinction in Computer Science, Dean's Merit List

Projects

Core languages consist of Python, Java and C++. GitHub profile: https://github.com/Amposter.

May-Dec 2016 | Evolving Coordinated Behaviours for Autonomous Driving
A study that uses neuro-evolution to develop coordination behaviours for autonomous vehicles. The study has been accepted as a paper to be presented at the 2017 IEEE Congress of Evolutionary Computation, held in Donostia - San Sebastian, Spain.
Tools: Unity3D, C#, Java, SharpNEAT | View

Dec-Jan 2016 | Farmers vs Zombies
Farmers vs Zombies is a short isometric strategy game that was built using the 3D assets created as a vacation project for the purpose of learning the fundamentals of modelling and rigging.
Tools: Unity3D, C#, Blender, Python | View

May-Nov 2015 | Hansel and Gretel
Hansel and Gretel is a short 2.5D platformer game which is comprised of 3 levels, each based on one of Grimm's fairy tales in which players traverse a 2-player environment.
Tools: Unity3D, C#, Python | View