
John Dunham's Resume Documentation

Release 1.0.0

John Dunham

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Welcome to the user document for the software engineer [John Dunham](#). John is a developer with a passion for user experience willing to tackle any challenge.

The following documentation is designed to give a company looking to hire John (herein *user*) an understanding of where John can fit into your team and a comprehensive exploration of John's skillset.

1.1 John Dunham

A Software Developer with a passion for user experience

john@johndunhamgames.com |

1.1.1 Work Experience

IBM - Advisory Software Engineer - Poughkeepsie, NY (2015 - Present)

Worked on projects in High Performance Computing in a number of job roles in the IBM Systems Group.

Software Engineer

Developed APIs and metaprogramming tools for the **IBM CAST** project. Architected serialization solution and implemented a number of quality of lift improvements for developers and end users.

Skills C, C++ python, bash, awk, UNIX, perl, GIT

Big Data Architect

Architected and documented a Big Data Solution on the ELK stack for the **CORAL** project. Implemented sample analytics for end users.

Skills ELK, python, bash, awk, sed, GIT

System Administrator

Managed a development cluster of power nodes with over 30 active developers. Responsible for bring up, problem resolution, and enabling user access.

Skills UNIX, bash, awk, sed, python

1.1.2 Skills

Languages C, C++, python, Java, perl, ruby, bash

Tools GIT, Unix, ELK, awk, sed, sphinx

1.1.3 Projects

IBM CAST - (2015 - Present)

- An collection of tools for the administration of HPC clusters.
- Primary Role: API developer and Big Data Architect

Crystalline - (2014 - 2015)

- An FPS/RTS game prototyped in Unity and developed in Unreal 4.5.
- Primary Role: Gameplay programmer (weapon systems, user experience)

1.1.4 Publications

POWER8 High-performance Computing Guide IBM Power System S822LC (8335-GTB) Edition - (2017) - [Link](#)

1.1.5 Education

Rochester Institute of Technology - *M.S. Game Design and Development (2013-2015) | GPA 4.0*

Marist College - *B.S. Computer Science (2009-2012) | GPA 4.0*