

Desiree Garrison

Computer Scientist

Grounded and solution-oriented Computer Scientist with a wide variety of professional experiences. Adept at motivating self and others. Passionate about data security and educating the next generation of technology users and innovators.

#### WORK EXPERIENCE

Principal Security Consultant

NCC Group

11/2016-Present

##### Achievements

- Tested web applications, mobile apps, networks, sandboxes, kernel components, custom client-server applications, hardware, firmware, stand-alone applications, and more for security weaknesses with a 100% accuracy.
- Researched security issues and presented information via speaking at conferences.
- Wrote whitepapers that have been an asset for the company's B2B blog.
- Developed and implemented new security tools that are now used across the whole business group.

Natural Language Processing Engineer

Hello Soda

01/2012-09/2016 Achievements

- Built information extraction and text understanding pipelines, using statistical and machine learning techniques, to identify consumer insights from multilingual unstructured data.
- Coordinated effectively a team of 8 members with skills in engineering and design.

Software Analyst WINData Group

08/2008-12/2011

##### Achivements

- Reviewed code and assessing the impact of submitted changes.
- Assisted in the identification and development of tools for static code analysis.

#### EDUCATION

Master's in Advanced Computer Science:

Computer Security University of Manchester

08/2006-05/2008

## TECHNICAL (IT) SKILLS

### Tools

Eclipse, NetBeans, MS Visual Studio, SVN, Emacs, Jbuilder, JUnit Testing, Spring, JPA, Hibernate, Dreamweaver, Rational Rose

### Natural Language Processing

Preprocessing, Language Modelling, Named Entity Recognition, Entity Linking, Information Extraction, spacy.io, Stanford CoreNLP, Keras/Tensorflow

Database Management Oracle 8.x/9.x, SQL Server 2008, MS Access, MySQL

### Languages

JavaScript, Python, R, HTML, CSS, C++, C#, ASP, x86, PHP, SML, Ruby

Research and Planning Identifying Problems, Gathering Information, Developing Evaluations, Calculating Results

Cloud-Based Technologies AWS, Docker, Spark

## SOFT SKILLS

Communication

Teamwork

Flexibility

Confidence

Problem Solving

Self-management

## VOLUNTEER EXPERIENCE

Volunteer Camp Instructor

FireTech Summer Camps

Courses Taught

- Coding Games with Java
- Python and Electronics with Minecraft • Teen Coding with Python

## INTERESTS

Artificial Intelligence

Robotics

Video Games

Traveling