

Pepukayi David Chitondo

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Personal Information

Date of Birth: 21 January 1988

Languages: English, Xhosa, Zulu, Shona, and Ndebele.

Driver's License: Code B

Work experience

Web Developer: Cape Peninsula University of Technology

Apr 2017 – Present

- Support and development of the CPUT website which is Joomla instance hosted on a Linux Centos7 environment. Other tools we use for this are: PHP, HTML, CSS.
- Development and maintenance of CPUT's API endpoints and server-side scripting using the following tools: DreamFactory, Javascript, JSON, MySql, Oracle.
- Management and revamping of CPUT's online prospectus.
- Log management and creation of dashboards for monitoring of CPUT's server states and application usage using Splunk and PowerBI.
- Google Analytics monitoring for CPUT's website.
- Redesign and development of CPUT's mobile app.
- Adhoc development for various departments on campus, e.g. voting application for the institutions decision making bodies, bursary application system.

IT Lecturer: Cape Peninsula University of Technology

Feb 2014 – Jun 2018

- Prepare, design and execute lectures for various programming modules: Data
- Analytics, PHP, MySQL, C++, C
- Prepare and design assignments and projects for students to do to test concepts that they have been learning.
- Support of students through their academic tenure at university.

Programmer/Analyst: R-Data
Nov 2016 – Marc 2017

- Development and maintenance of RData's flagship software product called Promun, which is a financial management system for municipalities used across the SADC region. Tools used were Progress4GL.
- Development of API endpoints (using C# and XML) to connect with National Treasuries databases as needed by some Rdata systems.
- Report generation for various RData clients.
- Client site visits to provide support for RData's Promun system.

Skills

Machine Learning, Graph Analytics, Data Visualization, Python, JavaScript, PHP, MySQL, HTML5, Progress4GL, C++, Java, Research, Academic Writing.

Tools

Splunk, Knime, PowerBI, ApacheSpark, Neo4j, DreamFactory, Tableau, Jupyter, Laravel, Joomla, WordPress

Educational history

2014-2016: Cape Peninsula University of Technology
Master of Technology: IT

2013: Cape Peninsula University of Technology
Bachelor of Technology: IT

2010-2012: Cape Peninsula University of Technology
National Diploma: IT (Cum Laude)

Extra qualifications and short courses

2016-2018: University of California San Diego
Big Data Specialization

2018: DevOps Institute
DevOps Leader Certificate

2017: DevOps Institute
DevOps Foundation Certificate

2015: PXL University College (Belgium)
IC4Life Innovation and Creativity for Life

2014: University of Botswana
Service Design and Co-Creation with the Community

Volunteer Experience

2011-2012: Chairperson: CPUT Seventh Day Adventists Student
Movement (District Six Campus)

2011-2012: Treasurer: CPUT Zimbabwe Students Society (District Six
Campus)

Hobbies Hiking, Walking, Reading, Travelling

Referees

Lovemore Nalube
Nedbank
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Tel: 076 186 1244
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R-Data
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