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D E N N I S S I G U R, J R.

EDUCATION

1993 - 1997	Xavier University of Louisiana	New Orleans, LA

- Bachelor of Science in Computer Science

1998 - 1999	Southern University at New Orleans	New Orleans, LA

- Master of Science in Computer Information Systems

2017 – 2018	Louisiana State University at Shreveport	Shreveport, LA

- Master of Business Administration – Data Analytics

2020 - Present	Northcentral University	San Diego, CA

- Doctor of Philosophy in Technology and Innovation Management, Information Systems

PROFESSIONAL EXPERIENCE

Jan. 2018 – Present	**Dillard University**	**New Orleans, LA**

Jan. 2018 – Present

Assistant Professor of Computer Science

- Teaches introductory and upper-level courses in the discipline area of computer and information sciences. Provides tutoring and academic counseling to students, maintains classes related records, and assesses student coursework, and access to gaining employment after graduation. Collaborates and supports colleagues regarding research interests, grants, and co-curricular activities.

Jan. 2018 – Present

Information Technology Specialist

- Provided technical support in the evaluation, analysis, development, enhancement, and maintenance of major software systems and technology on campus.

Jan. 2021 – Jun. 2021

Interim Distance Learning for Authentic Learning (DEAL) Co-Director of Academic Technology

- Provide professional development training and workshops for faculty.
- Provide technical training and support for Learn Management System for faculty.
- Develop academic processes for online courses and development.

| **Jun. 2019** | **Google** | **Mountain View, CA** |

Faculty in Residence

- Explored hands-on, project-based learning workshops and resources to augment their curriculum, discussed industry expectations, learned more about the technical interviewing process, and immersed themselves in Google's engineering culture.

| **Jan. 2008 – Present** | **Delgado Community College** | **New Orleans, LA** |

Adjunct Instructor

- Discuss the importance of information technology for organizations, recent trends in IT, and how IT systems support daily operations and decision-making.
- Teach all levels of developmental mathematics.

| **Oct. 99 – Jan. 2018** | **Xavier University of Louisiana** | **New Orleans, LA** |

Oct. 99 – Dec. 2002

Programmer Analyst

- Provided technical solutions to the student, finance, accounting, financial aid, admissions, alumni, and human resources departments to formulate application designs, coordinate efforts of development staff, and assist with multiple implementations of administrative software ranging from data entry to complex programs.
- Training staff and faculty on Ellucian products and non-Ellucian programs.
- Creating stored procedures used in Oracle Reports and miscellaneous SQL & PL/SQL reports used for daily processing.
- Create, edit, modify, and transfer files in a UNIX environment.

Jan. 2003 – Jan. 2011

Programmer Analyst/Special Assistant to Vice President for Technology Administration

- Continued the duties as Programmer Analyst.
- Provided technical support in the evaluation, analysis, development, enhancement, and maintenance of major software systems.
- Created database programming to meet management and end users' information needs.

Feb. 2011 – Nov. 2016

Information Technology Specialist

- Continue the duties of Programmer Analyst and Programmer Analyst/Special Assistant to Vice President for Technology Administration
- Setup, configured, and trained users on tracking attendance with wireless devices.
- Liaison for 3rd party software application connecting to ERP.
- Planning and implementation of software systems for various departments.
- Served as ITC representative for several university committees.
- Assist Database Administrator in performing upgrades on existing software.

Dec. 2016 – Jan. 2018

Senior Application Programmer

- Application coding, program development, and activities to support the ERP system.
- Interface with peers and functional areas for defining and developing business solutions for the enterprise.
- Analyze and resolve technical issues with the ERP system.
- Engage in integration efforts to external systems.

Aug. 2000 – Dec. 2016

Adjunct Computer Science Instructor

- Basic hardware/software terminology
- Hands-on instruction on advanced business application software covering database management systems, spreadsheets, and word processing using contemporary office software such as Microsoft Office.

PROFESSIONAL MEMBERSHIPS

Louisiana Technical Council	Alpha Phi Alpha Fraternity Inc.
Better New Orleans/MAC	Louisiana Quality Foundation Board Member
Xavier University Credit Union	
Board Member – President	

PROFESSIONAL TRAINING & EXPERIENCE

Languages: C, C++, JAVA, HTML, CSS, PHP, SQL, PL/SQL, R

Software: Microsoft Office Professional, SQL Developer, D Beaver, R Studio, Ellucian Banner, Toad, Evisions, Blackboard Transaction System, Blackboard Attendance System, Blackboard Connect, Canvas, D2L, Adirondack
Other: UNIX, Windows, Relational Databases, Project Management

CERTIFICATIONS

Quality Matters - The Applying the QM Rubric (**APPQMR**) - Certified

CITI Program - Responsible Conduct of Research – Certified

Certificate in Effective Instruction – Concentration in Career Guidance and Readiness
Association of College and University Educators
2019
This certificate signifies my completion of a 25-module course in effective teaching practices requiring the implementation of evidence-based instructional approaches. The credential is co-issued by the American Council on Education and distinguishes faculty for their commitment to educational excellence and student success.

Apple Teacher – iPad, Mac, and Swift Playground

eFaculty: DEAL Qualified

PRESENTATIONS

HBCU Cybersecurity Roundtable – Fordham Center for Cybersecurity – Panelist – March 2023 – [Video](#).

Characteristic of those with Funding in the UMETRICS Dataset- Leveraging Big Data To Achieve Equity – Gamma Cohort, January 2023

The Good, The Bad, What HBCUs With They Had: Benefits of Data Warehouse Technology – International Conference on Engineering, Science, and Technology - October 2022.

The Birds, the Bees, and the Doctoral Degrees: relationships between parental status, gender, and doctoral degree - Leveraging Big Data to Achieve Equity – June 2022.

Faculty Professional Development: Methodologies During the COVID-19 Pandemic – Dillard University Teaching, Learning and Research Symposium - April 2022

Empowering Upcoming Students in the HBCU CS Community -zyBooks Webinar – April 2022

Prepare Future Programmers with Project-Based Learning – zyBooks Webinar – January 2022

Understanding the Characteristics of African American Ph.D. Earners Using UMETRICS Data - Leveraging Big Data to Achieve Equity – October 2021.

Panel Member – "How Colleges Are Planning for Upcoming Spring Courses" – Paradigm Education Solutions – November 2020

Inclusive Access Program Webinar – Paradigm Education – October 2020.

What's New in Transact Attendance – Transact 360 – March 2020

Insights to the Fabrication and Flying a Payload to the Edge of Space as Part of the Louisiana Aerospace Catalyst Experiences for Students "LaACES" Project Poster – Alexandria, VA – November 2019

Modeling for the Future Leaders of Technology-Rich Environments – Dillard University Teaching, Learning and Research Symposium - April 2019

Google Technology Demonstration - BDPA Conference 2018

Track Attendance at Xavier University – Southeast Blackboard User Group 2016

Data Collection Using Survey & Population Selection -LaBUG Conference 2013, 14 & 15

Tracking Attendance Electronical & Data Exchange – LaBUG Conference 2013, 14 & 15

ARTICLES/CONTRIBUTIONS

Open Educational Resources (OER) – Computer Applications (Contributor)– LOUIS: The Louisiana Library Network – August 2022.

Quoted in this article, "Google's approach to historically Black schools helps explain why there are few Black engineers in Big Tech" in the Washington Post: https://www.washingtonpost.com/technology/2021/03/04/google-hbcu-recruiting/?arc404=true – March 2021.

Paradigm Education Solutions #FacultySpotlight - https://www.linkedin.com/posts/paradigm-education-solutions_facultyspotlight-activity-6770828497934958592-T0yG – February 2021.

Dillard's Center for Coding and Creativity, Press Release - https://dillard.edu/communications/news/coding.php News Release - https://www.fox8live.com/video/2020/07/24/apple-dillard-university-offers-coding-classes/ - July 2020.

"Creativity and community come together at Apple's Teacher Coding Academies", article on www.apple.com – click here – August 2019

GRANTS

Growing with Google HBCU Career Readiness Program – January 2022

Louisiana Association of Independent Colleges and Universities – GEER Fund – June 2021

HBCU C2 Initiative – June 2019

INSTRUCTOR LEAD COURSES

Computer Concepts & Applications	Artificial Intelligence
Database Management Systems	Management Information Systems
System Analysis & Design	Introduction to Programming
Operating Systems	Business Programming and Information Systems
Programming Languages	
Introduction to Microcomputer	

AWARDS/RECOGNITION

2021 NOLA Tech 30 Honoree – December 2021.

Completion with Distinction - Participated in the "Critical Priorities in Higher Education" lesson that is part of the HBCU Data and Analytics credential program – October 2021.

2020-2021 6th Man Presidential Award Recipient - May 2021.

Academic & Student Enrichment: Subcommittee of the COVID-19 Response Task Force Academic Affairs Award - May 2021.

Faculty Spotlight Honoree for Paradigm Education Solutions – January 2021.

Service Award - For Outstanding Service Support to the DU-LAMP Program – April 2019.

REFERENCES

Eartha Johnson	Shane Bruno	Jared Sampson
ejohnson@dillard.edu	sbruno202@yahoo.com	jsampson@dcc.edu
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