M. CELESTE FISCHER

Albuquerque, New Mexico   📱 PHONE   ✉ EMAIL
Portfolio* https://github.com/Celeste1221?tab=repositories

PROFILE

□ Industrious, team-spirited professional making a career change from nursing to software engineering
□ Able to quickly analyze needs, assimilate data, render accurate assessments, and develop solutions
□ A systems-oriented approach that allows me to work well with multiple responsibilities, varying timelines, technologies, and clients, in a fast-paced environment without compromising quality or attention to detail
□ 17 years of nursing healthcare experience with innumerable transferable skills.

TECHNICAL SKILLS

- 10 years of experience with healthcare IT applications including electronic health records applications: *EPIC, CPRS, HCS, BCMA, MyChart,* and databases such as *NMSIIS (NM Statewide Immunization Information System)*
- Familiarity with object Oriented Programming concepts including design patterns, algorithms, Big-O time and space performance analysis, troubleshooting and debugging, and excellent technical documentation
- Python, C++, C#.NET, SQL
- Web development, JavaScript, HTML/CSS
- Crossplatform applications development
- REACT, Node.js, NPM, REST
- Relational databases
- Jupyter Notebook
- Data pre-processing
- Machine learning and neural networks (RNN, CNN, Transformer)
- Pandas, NumPy, Matplotlib
- TensorFlow/Keras
- Image processing, Computer Vision, Scikit-image, Pillow
- End-user training
- Embedded systems, microcontrollers, sensors, actuators
- Arduino, CircuitPy
- Git version control and GitHub
- Linux and Windows OS
- Command Line Interfaces
- End-user training

PORTFOLIO*

- *Color Style Transfer* uses a generative style-transfer neural network derived from the intermediate layers of the VGG19 image classification network architecture to separate style and content features of two different images and apply one to the other. Color scheme can remain original or be transferred as well.
- *DataIO in C++* simulates analysis of encounter response times in an outpatient clinic setting. It categorizes encounters by type, then analyzes the amount of time between the initial patient contact and the clinical staff's response, providing data to improve patient outcomes and satisfaction scores.
- *GeoPoints* compares a user's location with a database of nearby locations and lets the user know which one they are closest to. It incorporates the wx library for the user interface and the sqlite3 database management system to get the locations' latitudes and longitudes.
- *LogoOrderItem* uses windows forms and the factory and decorator patterns to let users select an item and choose the graphics or text they want on the item.
- *WhiteWaterPotter is a mock, small business, cross-platform application with JavaScript and REACT.*

WORK HISTORY

Licensed Practical Nurse   *March 2021 – Present*
Haven Behavioral Hospital – Albuquerque, NM
Patient Aligned Care Team (PACT) Licensed Practical Nurse (LPN)   *January 2020 – January 2021*
New Mexico VA Healthcare System, Northwest Metro CBOC – Albuquerque, NM
Licensed Practical Nurse   *September 2019-December 2019*
Corrhealth – Valencia County Detention Center, Los Lunas, NM
Licensed Practical Nurse   *May 2019-August 2019*
Alliance Home Health and Hospice – Albuquerque, NM

Licensed Practical Nurse   *October 2014-May 2019*
Presbyterian Intel Health for Life Clinic – Rio Rancho, NM
Licensed Practical Nurse   *October 2013-October 2014*
Las Palomas Nursing and Rehabilitation Center - Albuquerque, NM
Licensed Practical Nurse   *October 2012-May 2013*
Presbyterian Pediatric Multi-specialties - Albuquerque, NM
Inside Sales Support   *November 2011-April 2012*
Fastenal Company - Albuquerque, NM
Administrative Assistant/Project Support   *December 2007-December 2008*
Continuant, Inc. - Arroyo Seco, NM
Licensed Practical Nurse   *April 2007-Dec 2007*
Family Practice Associates of Taos - Taos, NM

EDUCATION

Master of Software-Driven Systems Design   *Aug 2021 – Dec 2023*
New Mexico Highlands University - Albuquerque, NM
Computer Information Systems - Computer Programming   *Aug 2017 – Aug 2020*
Central New Mexico Community College - Albuquerque, NM
Bachelor of Arts in Languages, Minor in Biology (Magna Cum Laude)   *Jan 2009 – Dec 2011*
University of New Mexico - Albuquerque, NM
Licensed Practical Nurse   *Jan 2005 – Dec 2005*
Penn Valley Community College – Kansas City, MO