

# SAMUEL L. PEOPLES

3051 30<sup>th</sup> Ave. W. Seattle, WA 98199 | (512) 744-8607 | [Contact@LukePeoples.com](mailto:Contact@LukePeoples.com)  
[www.LukePeoples.com](http://www.LukePeoples.com)

## EDUCATION

M.S., Applied Data Science	Syracuse University	Jul 2018 – Jun 2019
B.S., Mathematics	University of Washington	Sep 2015 – Mar 2018

## TECHNICAL SKILLS

### Programming and Coding

•Python	★★★★★	•SSMS	★★★★☆
•Tableau	★★★★★	•Java	★★★★☆
•Excel	★★★★★	•Power BI	★★★★☆
•R	★★★★★	•Hadoop	★★★★☆
•SQL	★★★★☆	•Spark	★★★★☆
•SSIS	★★★★☆	•Hive	★★★★☆

## VOCATIONAL EXPERIENCE

Casino Science	Nov 2018 – Present
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### Analytics Consultant

- Provided analytics consulting to regional casino clients to develop, evaluate, and provide insights to improve targeted marketing campaigns using customer segmentation, A/B testing, and various other statistical techniques
- Built capabilities to support automated reporting utilizing Tableau to draw insights into player and guest trends for reporting at the executive level
- Developed database solutions for clients to create reports; supported ad-hoc queries using SQL and SSIS
- Leveraged Agile Methodologies to improve efficiency and accountability within client analytics teams

Conversica	Oct 2018 – Dec 2018
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### Data Science and Analytics Intern

- Developed clustering solutions for unstructured data using soft cosine similarity for use in conversational AI models in production using Python, NLTK, Gensim, and other NLP functions
- Reported to Lead Scientist regarding key topics and goals to reduce human intervention in AI systems
- Analyzed, annotated, and labeled unstructured data for use in training production models

University of Washington	Jan 2018 – Nov 2018
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### Research Assistant – Bioinformatics: Karenina Project

- Development of Microbial Community Analysis software studying Anna Karenina Effects as a plugin for Qiime2 under the direction of the lead author; co-author, Karenina, Q2-Karenina
- Utilized Stochastic Ornstein-Uhlenbeck and Brownian Motion models to analyze community behavior
- Extensive development of testing, UI, visualization, and data processing solutions using Python
- Introduction and familiarization with the research and publication process; co-author, Qiime2  
Repository: <https://github.com/SLPeoples/q2-karenina>  
Documentation: <https://SLPeoples.github.io/karenina/html/index.html>

Sound Urological Associates	Apr 2018 – Nov 2018
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### Surgical Technologist

- Developed parsing and visualization software using Python and Tableau to monitor and analyze historical steam sterilization data for quality assurance and parameter optimization  
Repository: [https://github.com/SLPeoples/Tuttnauer\\_Parser](https://github.com/SLPeoples/Tuttnauer_Parser)
- Coordination with clinical management in process improvement projects
- Acted as materials management coordinator for consumable products; coordination with outside sales
- Practice as a Surgical Technologist in an outpatient setting. Assistance with urological surgical procedures, maintained surgical asepsis, and prepared sterile materials
- Used steam sterilization and high-level disinfection to reprocess critical instrumentation for procedures

Doordash	Jan 2017 – Apr 2018
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### Team Associate

- Coordinated with Doordash dispatch through mobile applications as an independent contractor
- Placed and accepted orders, quickly identified and reconciled order issues, and maintained high ratings

University of Washington	Sep 2016 – Dec 2016
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### Teaching Assistant – First Year and Pre-Major Program, Mathematics

- Correspondence with university staff to assist with the instruction of multiple courses in calculus
- Meticulous evaluation and notation of weekly student course work and quizzes

Proliance Surgeons	May 2015 – Dec 2016
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**Surgical Technologist – PESC, Kirkland, WA – OSC, Bellevue, WA**

- Practice as a surgical technologist in an outpatient setting in the orthopedic, general, spine, ENT, colorectal, plastics, podiatric, and endoscopic surgical specialties
- Assisted physicians in carrying out surgical techniques, maintained surgical asepsis, and accounted for sterile supplies, implants, and foreign materials at periodic intervals
- Properly identified, accepted, and labeled medications to be dispensed by the provider during procedures

United States Navy

Feb 2011 – May 2015

**Hospital Corpsman**

- Facilitated patient care and communication between providers and nursing staff
- Promoted active involvement with the community through participation in community service activities

**Petty Officer, Third Class**

- Tasked with leadership of junior personnel as a non-commissioned officer in the United States Navy
- Extensive practice in medical supply and budget management

**Field Medical Service Technician, Camp Pendleton, CA**

- Familiarization in combat medicine techniques while engaged with U.S. Marine Corps personnel
- Rigorously trained in the identification, treatment, and extraction of battlefield injuries and personnel
- Familiarization and practice with chemical warfare treatment agents and the ethical administration of medications such as blood products, and intravenous fluids for use as a first responder.

**Certified Surgical Technologist, Naval Hospital Bremerton, WA**

- Managed and trained over 20 rotating technologists and externs in various surgical specialties
- Successfully delivered care to over 2,500 beneficiaries in the operating room
- Actively participated in central sterilization through the proper processing and verification of over 5,000 surgical sets resulting in a post-operative infection rate below .03%
- Generated an accountability system which facilitated the replenishment of department supplies

**LEADERSHIP**

Lead Special Services Coordinator – Naval Hospital Bremerton, WA

Jun 2013

General Surgery, Plastic Surgery

- Point of contact and manager for the general and plastic surgical specialties
- Management of records and provider preference cards
- Conducted training and supervised personnel in the general and plastic surgical specialties

Materials Management Coordinator – Sound Urological Associates

Apr 2018

- Coordination with medical supply companies, and sales representatives to maintain supply stock
- Maintenance of inventory price comparison data sheets for various suppliers
- Coordination with clinical management to implement cost-saving process improvement solutions

**AWARDS, ACTIVITIES, & EXTRACURRICULARS**

University of Washington Certificate of High Scholarship

Sep 2017 – Mar 2018

Udemy

Oct 2017 – Mar 2018

- Machine Learning A-Z™: Python & R
- Unsupervised Deep Learning in Python
- Power BI A-Z™: Hands on for Data Science
- Advanced Analytics in R for Data Science
- Data Science A-Z™: Real-Life Data Science
- Text Mining and Sentiment Analysis: Tableau & R
- MySQL for Data Analytics and Business Intelligence
- The Ultimate Hands-On Hadoop - Tame your Big Data
- Complete Guide to TensorFlow for Deep Learning with Python
- Deep Learning & Computer Vision A-Z™: OpenCV, SSD & GANs
- Tableau 10 Advanced Training: Master Tableau in Data Science

Hurricane Harvey Relief

Sep 2017

- Coordination with local community leaders to aid in relief and response efforts.

University of Washington: Dean's List

Variable

Washington State Surgical Technologist Registration

Apr 2015

United States Naval Academy: Commandant's Scholar List

Aug 2014 – May 2015

Division I Lightweight Rowing, United States Naval Academy

Jul 2014 – May 2015

Naval Academy Preparatory School: Dean's List

May 2014

Admiral's Letter of Commendation for Achievement

Jun 2013

Complete portfolio and profile can be found at

<https://www.lukepeoples.com><https://github.com/SLPeoples>