Matthew Simanonis

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Executive Summary

A motivated Developer with a drive to overcome tough challenges and help others. Passionate about Neuroscience, Oncology, Data analytics and Machine Learning. Along with my knowledge of biological systems, I can program using Python, SQL, HTML/CSS and Javascript. Currently, I focus most of my applications on designing sleek web pages to visualize and easily manipulate data.

Work Experience

- **Jewel-Osco- Schaumburg, IL**   *Nov 2019-Present*
  Pharmacy Technician
    - Constantly juggle; reading and filling prescriptions, ordering and accounting of drug inventory, while making informative calls to MDs and patients, in a pharmacy that does ~$40,000 in sales each day
    - Provide consultation to patients about medications, drug interactions and health insurance policies with warm and friendly customer service.

- **Tempus Labs- Chicago, IL**   *Apr 2018-Sep 2019*
  Clinical Data Abstractor
    - Studied over 4000 medical oncology records (EMR/CRF), extracting and structuring key data elements to analyze a cancer patient's diagnosis and response to treatment.
    - Consulted with software developers to improve effectiveness of visualized data with Tableau
    - Collaborated with additional Clinical Data Abstractors to improve the quality of data and help construct the foundation of a unique cancer genomics database.

- **Tate & Lyle Custom Ingredients- Sycamore, IL**   *Aug 2017-March 2018*
  Laboratory Technician
    - Daily analysis of over 50 samples using pH analysis, bacterial plate count, HPLC, NIR spec, viscosity, moisture and Kjeldahl testing
    - Conducted monthly Quality Control (QC) audits of production and lab spaces, ensuring use of all Good Manufacturing Practices (GMP) and Good Laboratory Practices (GLP) and FDA requirements

- **Memory Systems Lab, Beckman Institute– Champaign, IL**   *May 2016-May 2017*
  Undergraduate Research Assistant
    - Collaborated with a Ph.D. candidate at the Beckman Institute to present findings on eye tracking and its use in developmental childhood relational memory at the Undergraduate Research Symposium
    - Administered Neuropsychological Tests, while documenting subjective observations, as well as participant behaviors/interactions
    - Compiled, analyzed and ensured accuracy of data using R, MATLAB, C, SQL and SAS/SPSS
    - Created visualizations of labs findings with Python and Tableau to present to other research teams
    - Reviewed and presented findings from lab's previous papers to lab and research team

Education

- University of Illinois at Urbana-Champaign   *2013-2017*
    - Bachelor of Science: Molecular and Cellular Biology
    - Chemistry Minor
      Neuroscience Certificate

Relevant Skills

SQL	JavaScript	Python	C
Flask	CSS	HTML	REST APIs
Django	React.JS	Git/Github	AWS