Raymond Yung

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Relevant Projects

Interview Bot   *July 2022 - present*
- Develop an interactive FAQ bot to respond to commonly asked interview questions
- Build a database that consists of over 100 interview questions
- Create using sci-kit learn and spaCY (natural language processing toolkit)
- Currently in the process of integrating the bot to my personal blog

Blog / rayyungdev.github.io   *July 2022 - present*
- Designed and created a personal site from scratch to as a means to learn React and showcase personal projects
- Built using Gatsby as a static site generator that is now hosted on GitHub
- Working on on integrating an FAQ Interview Bot for users to interact with.

Resume Builder   *July 2022 - August 2022*
- Developed a resume building application that can build different resumes that depend on purpose
- Created multiple databases to organize and pull relevant job information
- Utilized Object Oriented Programming to create a data interpreter and a resume template

DialogRPT / NLP with Deep Learning   *March 2022 - June 2022*
- Build deep learning models to predict engagingness of dialog responses based on reddit data
- Implemented CNN and LSTM architecture and achieved comparable score with literature

Predicting Social Vulnerability   *March 2022 - June 2022*
- Use binary classification techniques to predict how vulnerable a household is
- Implemented logistic regression and Naïve Bayes algorithms from scratch
- Strategized with team to better understand how to preprocess social vulnerability data

Professional Experience

Privacy and Security Intern

Health Partner Plans   *April 2019 - December 2020, Philadelphia, PA*
- Managed data access through company governance software
- Automated daily computer activity reports with Powershell to improve efficiency
- Collaborated with IT Staff to promote cybersecurity and role governance within company

Skills

Programming Languages: *Python, Javascript, Matlab, Powershell*
Software & Tools: *Git, Powershell, MATLAB, React*
Technical Skills: *Machine Learning, Natural Language Processing, Pattern Recognition, Digital Forensics*

Education

Masters of Science in Electrical Engineering

Drexel University, Philadelphia PA, Completed June 2022, GPA: 3.68

Bachelors of Science in Electrical Engineering

Drexel University, Philadelphia PA, Completed June 2022, GPA: 3.00