

# Raymond Yung

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## Relevant Projects

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**Interview Bot** (Skills: Python, scikit-learn, Natural Language Processing) 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** (Skills: React, Gatsby, Web development) 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 integrating an FAQ Interview Bot for users to interact with.

**Resume Builder** (Skills: Python, Object Oriented Programming, Database) 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** (Skills: Python, Pytorch, 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** (Skills: Python, Machine Learning) 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

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**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

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**Programming Languages:** Python, Javascript, Matlab, Powershell

**Software & Tools:** Git, Powershell, MATLAB, React

**Technical Skills:** Machine Learning, Natural Language Processing, Pattern Recognition, Digital Forensics

## Education

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**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