

# Raymond Yung

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## Relevant Projects

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### Interview Bot

July 2022 - Ongoing

- Developing an Interactive FAQ bot so that recruiters can interview me during their free time
- Built a database that consists of over 100 interview questions
- Created 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](https://rayyungdev.github.io)

July 2022 - July 2022

- Created a personal site from scratch to as a means to learn react and show off personal projects
- Built using Gatsby as a static site generator that is now hosted on github
- Working on integrating a chatbot for recruiters to 'interview' me beforehand

### Resume Builder

July 2022 - August 2022

- Developed a resume building application that can build different resumes that depend on intent
- Created multiple databases to organize and pull relevant job information
- Created Python objects to act as a data interpreter and a resume template

### DialogRPT / NLP with Deep Learning

March 2022 - June 2022

- Goal was to score reddit comments using methods proposed by Gao et al
- Compare the original model to CNN and LSTM architecture
- Built with Pytorch API

### Predicting Social Vulnerability using Machine Learning

March 2022 - June 2022

- Use binary classification techniques to predict how vulnerable a household is
- Built using different algorithms from scratch
- Strategized with team to understand best preprocessing methods

## Professional Experience

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### Privacy and Security Intern

#### Health Partner Plans

April 2019 - December 2020, Philadelphia, PA

- Worked with company governance software to manage data access
- Automated daily reports with Powershell to save manpower
- Cooperated 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 & A.I, 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