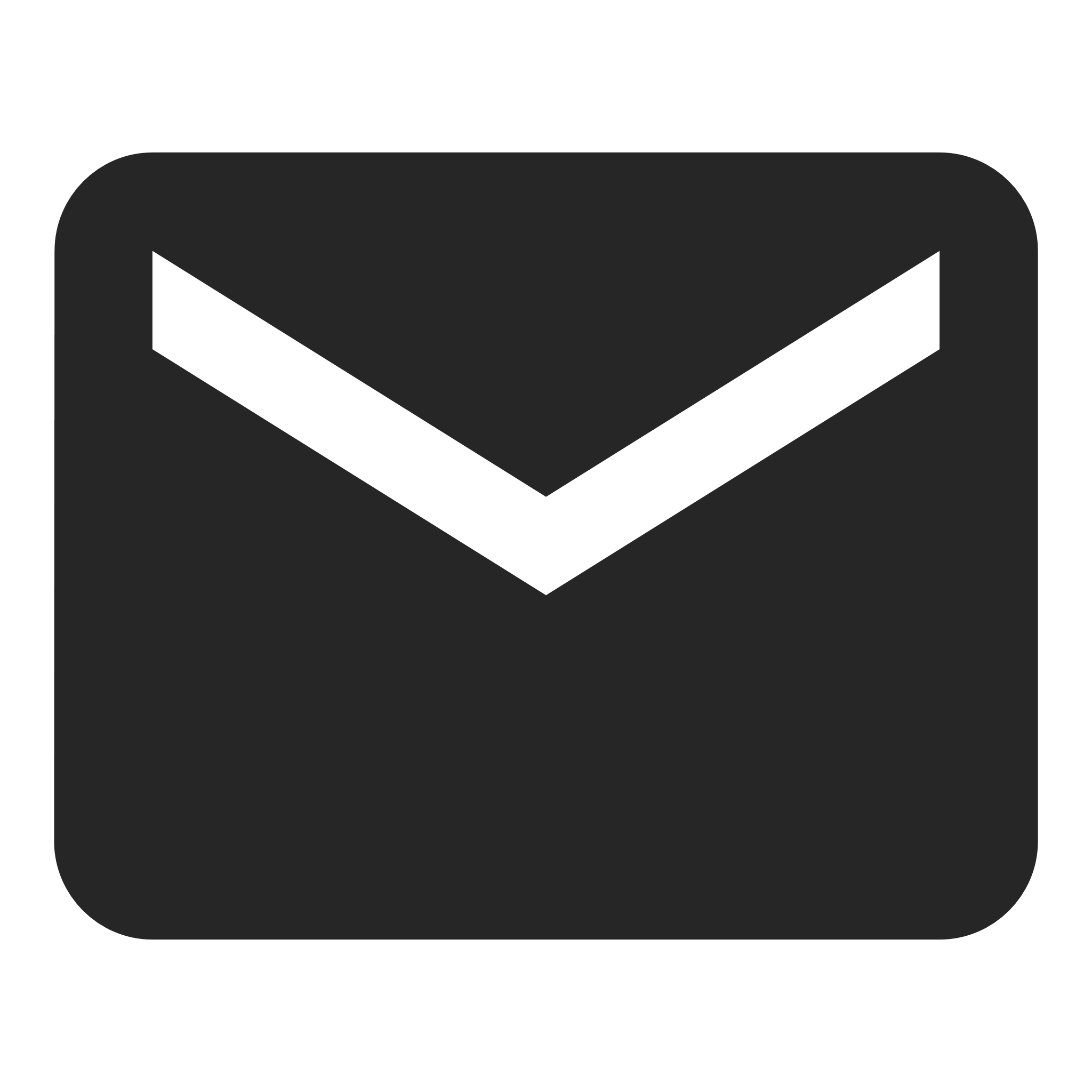
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**ERIC PHAM**

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**PROJECTS**

**EDUCATION**

**OLD TOWN PIZZA SCHEDULER**

Web application for Old Town Pizza to schedule employees’ shifts.

*JavaScript, HTML, CSS, MySQL*

* Engineered a solution for employee scheduling by creating a web application using Bootstrap frontend with an Express.js backend.
* Delivered a high availability service by deploying the application server to AWS.
* Facilitated meetings and communications with the client to gather requirements and ensure successful product delivery.
* Generated technical documentation of user, maintenance, and system specs to enhance end-user experiences.

**SPOTIFY DATASET ANALYSIS**

Machine learning for predicting songs’ genre.

*Python, Scikit-learn, NumPy, pandas*

* Developed machine learning models to analyze and predict features of models with the success rate of roughly 95%.
* Compiled a clean dataset by filtering data points with irrelevant features for identifying genre to successfully train five models.
* Published a scientific paper consisting of tools, methodology, models, output, and observations.

**DISCORD BOT**

Implemented a bot in the VoIP application Discord.

*Javascript*

* Users in a private server often share images frequently by uploading or sharing links.
* Engineered an autonomous program to perform tasks requested from users using Node.js.
* Members are now able to type commands within the Discord app to conveniently request commonly uploaded images or to roll dice.

**ANDROID DEVICE HACKING**

Created a Kali Linux virtual machine to hack and exploit an Android virtual machine.

* Utilized Metasploit tools from a Linux virtual machine to exploit vulnerabilities in Android firmware.
* Successfully dumped contact information from the victim’s machine into a text file.
* Demonstrated high risk internet browsing habits along with various malicious attacks can happen to users.

**CALIFORNIA STATE UNIVERSITY, SACRAMENTO**

B.S. Computer Science

Sacramento, CA

Spring 2019

**SKILLS**

**TECHNICAL**

* Java
* MySQL
* JavaScript
* Node.js
* Git
* Python
* NumPy
* Pandas
* Scikit-learn

**PROFESSIONAL**

* Agile and Scrum
* Project Management
* Team Work
* Decision Making
* Problem Solving
* Communication
* Documentation and Formatting

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