

# Evan Gruhlkey

[gruhlkeyevan@gmail.com](mailto:gruhlkeyevan@gmail.com) | [www.linkedin.com/in/evangruhlkey/](https://www.linkedin.com/in/evangruhlkey/) | [github.com/EvanGruhlkey](https://github.com/EvanGruhlkey) | [evangruhlkey.com](https://evangruhlkey.com)

## EDUCATION

---

### Texas A&M University

*Bachelor of Science in Computer Science*

College Station, TX

Aug 2023 – May 2027

- GPA 3.8/4.0
- Relevant coursework: Data Structures and Algorithms, Machine Learning, Computer Organization, Programming Languages, Computer Graphics

## EXPERIENCE

---

### Founder

*Scoutly*

May 2025 – Present

College Station, TX

- Engineered real-time backend pipelines to process thousands of online marketplace listings per day, enabling accurate detection of undervalued deals
- Designed a proprietary “deal score” algorithm, improving buyer decision-making by surfacing the top 5% of listings
- Built a full-stack MVP with React, Node.js, Python, and PostgreSQL, allowing users to track deals through dashboards and alerts
- Conducted iterative user testing, reducing score error rate by 15% and increasing user confidence in recommendations

### Information Technology Intern

*Comal ISD*

Jun 2022 – Aug 2022

New Braunfels, TX

- Automated IT workflows with Python scripts, reducing manual workload by 10% and saving staff 5+ hours per week
- Refactored outdated security tools, cutting error rates and improving long-term maintainability
- Enhanced authentication protocols, preventing unauthorized access and strengthening district cybersecurity posture

## PROJECTS

---

### Sniffle | *React Native, JavaScript, Firebase, Python, TensorFlow, Scikit-learn, Node.js*

Jan 2024 - Present

- Developed a mobile app predicting allergy flare-ups, giving users personalized risk scores that improved proactive health management
- Trained machine learning models with Scikit-learn, boosting prediction accuracy by 12% compared to baseline heuristics
- Applied probability distributions to user data, delivering tailored alerts that increased user engagement with the app

### Monte Carlo Simulation | *Python, NumPy, Pandas, Matplotlib,*

Aug 2023 - Present

- Built a Monte Carlo model simulating correlated portfolio returns, providing investors realistic risk forecasts
- Applied Cholesky decomposition to model dependencies between assets, increasing accuracy of return predictions
- Generated visualizations of risk/return tradeoffs, helping optimize portfolio strategies based on quantified outcomes

## TECHNICAL SKILLS

---

**Languages:** Java, Python, C/C++, SQL (Postgres), OCaml, JavaScript, HTML/CSS, R

**Frameworks:** React, Django, Flask, Firebase, TensorFlow, Scikit-learn, REST API

**Developer Tools:** Git, Docker, Google Cloud Platform, AWS, VS Code, Visual Studio

**Libraries:** Pandas, NumPy, Matplotlib, Node.js

**Certification:** GIAC Foundational Cybersecurity Technologies