

Evan Kandell

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CAREER OBJECTIVE

Aspiring software engineer with outstanding problem-solving skills and strong fundamentals, seeking entry-level development or IT roles to build technical expertise and contribute to impactful systems

RELEVANT EXPERIENCE

Software Engineer (full-time)

Dell Technologies, IT - January 2025 - Present

- ❖ Refactor legacy Python codebase to reduce technical debt and improve maintainability across core systems
- ❖ Utilize Git, Jira, and Confluence to document bug fixes and workflow optimizations, contributing to team knowledge-sharing, and improve pytest testing suite to ensure high code coverage and reliability
- ❖ Actively participate in technical design sessions and daily Agile stand-ups to support the organized, timely delivery of critical bug fixes and defect resolutions to associated business team

Analyst, Business Intelligence (full-time)

Dell Technologies, Customer Data Tech - June 2024 - January 2025

- ❖ Advanced integration of machine-learning entity resolution model to refine improve data integrity
- ❖ Shadowed professional data scientists and data engineers to gain insights into organizational operations/practices.

Data Science/Engineering Intern (40 hrs/week)

Dell Technologies, Customer Data Tech - Summer 2023

- ❖ Created machine-learning model to validate entity resolution, achieving 78% accuracy and 90% precision on test data
- ❖ Employed ML model to measure the efficacy of team's product, identifying opportunities to: save \$1 million/year via alternate software, automate up to 150 million hours of manual data entry, and provide valuable data analytics

Front End Mobile Game Developer (5 hrs/week)

Toast Mobile - January 2025 - Present

- ❖ Utilize Flutter and Dart to help create multi-platform mobile game through full development process from greenfield to release. Responsible for the app's UI from given design, and ensured smooth connections with API and database

Foundations of Data Science Course Tutor (10 hrs/week)

University of California, Berkeley - Summer 2022

- ❖ Taught Python and statistics, including code reviews, in office hours, tutoring sections, and 30-student lab sections

EDUCATION

University of California, Berkeley

B.A. in Computer Science; Minor in Data Science

College of Computing, Data Science and Society May 2024

3.62 technical GPA; 3.51 overall GPA

Projects (GitHub links available upon request)

- **Flextensions (Ruby/Rails)** — In Agile team, built web app to interface with university services. Included frequent standups, customer meetings, pair programming, assigning/tracking stories; focus on API design/database schema
- **NLP Project (Python)** — Used Natural Language Processing theories and tools such as BERT and LGBM Classifier to create and analyze a classification model based on text embeddings scraped from Internet forums
- **Encrypted File Sharing (Golang)** — Designed client to store data in insecure database using public and private key cryptography for confidentiality, digital signatures, and HMACs; defended against multiple threat models
- **Pacman AI/ML (Python)** — Applied algorithms and tools such as A* search, logical inference, Q-learning, Hidden Markov Models, Bayes Networks, neural networks, and more to solve increasingly complex search problems

LANGUAGES/SKILLS

Fluent: Python; Java; Flutter/Dart;
Git; Pandas; Numpy; REST APIs;
Jupyter; Agile Practices

Proficient: Go; SQL; RegEx;
HTML/CSS; Javascript; C/C++; Swift;
Ruby/Rails; Office Suite

Strengths: Communication;
Collaboration; Problem-Solving;
Leadership; Education