

Bidhan Devkota

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Austin, TX

EDUCATION

The University of Texas at Austin

Bachelor of Science in Computer Science, Minor in Business

Austin, TX

May 2025

- GPA: 3.82
- Relevant Coursework: Intro to Programming, Data Structures and Algorithms, Discrete Math, Probability and Statistics, Computer Organization and Architecture, Operating Systems, Principles of Machine Learning, Algorithms, Software Engineering, Competitive Programming, Cybersecurity

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Kotlin, TypeScript, JavaScript, HTML/CSS, SQL

Frameworks & Libraries: React, Angular, Node.js, Flask, FastAPI, Selenium, TensorFlow, pandas, NumPy, Matplotlib

Tools: Git, Docker, PyCharm, IntelliJ, Jupyter, Postman

Platforms & Services: AWS, Salesforce, Azure Databricks, Kubernetes, Tableau, JIRA, Android Studio

EXPERIENCE

AT&T

June 2024 – August 2024

Software Engineer Intern | Generative AI

Dallas, TX

- Built and deployed a Generative AI platform (React, FastAPI, Azure, Databricks) automating tax audit workflows, improving processing speed by **35%**.
- Presented Generative AI automation tool to CEO and board, leading to company-wide adoption and **\$100 million** in annual cost savings.
- Developed a real-time transcription system (Flask, Python) that reduced call center response latency by **55%** (patent pending).

AT&T

June 2023 – August 2023

Software Engineer Intern | Full-Stack

Dallas, TX

- Created a proactive data usage optimizer (Flask, Python), boosting customer retention by **33%** (patent pending).
- Enhanced TOM application using Angular, Java, SQL, and REST APIs, significantly improving functionality and user experience, increasing satisfaction by **50%** for **5,000** weekly unique users.
- Implemented a scalable bug-tracking system using JIRA, improving issue resolution time by **30%** and contributing to a **\$100,000** cost saving.

Federal Aviation Administration

June 2022 – May 2023

Software Engineer Intern | Data Analytics

Fort Worth, TX

- Developed Tableau dashboards tracking **30,000+** clearance records for real-time operational insights.
- Automated FAA document analysis with Python to detect **3,000+** linguistic patterns, improving compliance review efficiency
- Authored a policy recommendation to change the language used in all FAA policies to inclusive language, affecting **45,000** employees.

PROJECTS

Austin Wheels | React, Flask, AWS EC2, AWS Amplify, Postman

2024

- Built a full-stack accessibility platform serving **500+** users with real-time location and transport data.
- Deployed backend on AWS EC2 with Amplify CI/CD and designed REST APIs to handle concurrent requests efficiently

March Madness Predictor | Python, Machine Learning

2024

- Created an NCAA tournament prediction model with **>62% accuracy** using Kaggle data.
- Focused on model tuning, feature engineering, and performance evaluation

LEADERSHIP & INVOLVEMENT

President, Nepali Student Association

University of Texas at Austin

Austin, TX

Aug 2023 – May 2025

- Led **15-member** board to organize cultural, networking, and fundraising events for **200+** members.

Member, UT Competitive Programming Club

University of Texas at Austin

Austin, TX

Aug 2022 – May 2025

- Practiced advanced algorithms and data structures for competitive programming contests.