

Bruce P. Homoya III

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EDUCATION AND ACHIEVEMENTS

Texas State University | August 2026

B.S. in Computer Science | Minors in Mathematics & Japanese | Magna Cum Laude

- Awards: Eagle Scout (Spring 2022); Texas State Achievement Scholarship
 - Relevant Coursework: Software Engineering, Object-Oriented Design, Data Structures & Algorithms
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SKILLS

Coding Languages: Python, JavaScript, C++, C#, Java, GDScript, HTML, CSS, React

Tools & Platforms: Power BI, Power Automate, Power Apps, Firebase, MongoDB, Godot

Languages: Intermediate Japanese

RELEVANT WORK EXPERIENCE

Ingram School of Engineering - Power BI Developer | October 2024 – Present

- Collaborated with customers to identify problems and contribute to planning, developing, testing, and deploying full-stack solutions.
- Utilized Power BI, Power Automate, and Power Apps to create comprehensive data solutions. Engaged in data visualization, process automation, and app development.
- Deployed full-stack solutions using Power Apps that automated manual processes and improved user workflows.

Texas Workforce Commission - Power BI Data Analyst | May 2024 – August 2024

- Converted business requirements into technical specifications and implemented them through reports that supported decision-making.
- Established relationships between data and developed tabular and multidimensional data models.
- Created custom diagrams, specified for user-defined calculations as needed.

Texas Workforce Commission - Cybersecurity Information Security Analyst I | June 2023 – August 2023

- Collaborated with the Governance Risk Management and Compliance (GRC) team to contribute to developing, reviewing, and implementing security policies and procedures, as well as conducting risk assessments and audit reviews.
 - Developed a comprehensive NIST controls crosswalk, aligning NIST security controls with the organization's specific security needs.
 - Managed and documented security exceptions within the Archer software platform while also utilizing Archer to review security incidents, monitor security risks, and ensure compliance with security standards.
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PROJECTS

Tokyo Airbnb Analysis Dashboard | Python Data Analytics Project

- Developed an interactive geospatial dashboard in Python to analyze pricing structures and lodging density patterns across Tokyo.
- Processed and cleaned large-scale regional datasets to map neighborhood clusters, identifying geographic correlations between accommodation density and nightly rates.
- Designed dynamic visual components that allowed users to filter and explore market trends, transforming raw property data into actionable market insights.

Bite Swipe (Recipe Discovery Web App) | Front-End Developer & UI/UX Designer

- Spearheaded the UI/UX design and front-end development of a swipe-based recipe discovery web app using React, HTML, and CSS within a 5-person team.
- Engineered the core interactive interface, integrating front-end components with a Firebase backend to allow users to rapidly browse, filter, and save recipes in real time.
- Developed a digital pantry feature that enables users to customize recipe suggestions based on on-hand ingredients processed from uploaded store receipts.