Samuel Bricker

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Education

May 2024

Bachelor of Science in Computer Science - University of Florida

- GPA: 3.26/4.00
- Relevant Coursework: Information and Database Systems 1, Introduction to Software Engineering, Data Structures & Algorithms, Enterprise Software Engineering Practices

Work Experience

December 2024 – March 2025

Junior ETL Software Engineer – Skyline Analytics (Boca Raton, FL)

- Developed and deployed Microsoft Azure function apps to retrieve and store client data from multiple APIs in internal databases
- Designed and optimized database views to enable financial analysts to accurately and clearly assess aggregated client data
- Built an automated testing program to verify that client report emails were correctly sent and formatted from an internal tool

June 2023 – October 2024

Software Engineering Intern – Agency Pipe (Delray Beach, FL)

- Contributed to backend development by implementing processes for account management, data automation uploads, and building an internal REST API
- Developed a batch processing system that enables users to integrate their data with existing systems, enhancing data accessibility and usability

January 2023 – December 2023

Information Technology Intern – Family Business Funding (Boca Raton, FL)

- Directed the transition to OrgMeter, an external CRM software, to streamline business operations and ensure data organization
- Facilitated communication between employees and CRM software development teams, ensuring the software met both employee and client needs
- Led the migration of data for over 1,000 clients into customer relationship management (CRM) software

Projects

Pixel Pundits

- Developed an online trading card game trade management platform for my Senior Project at the University of Florida using React and JavaScript
- Designed the front end and implemented a system for parsing API calls to retrieve and display card data

Programming Language Compiler

- Developed a project for the University of Florida's Programming Language Concepts course in Java, utilizing JUnit API for testing
- Created a translator that converts developer-defined programming languages into executable Java code using regular expressions, context-free grammar, and abstract syntax trees

Programming Languages and Technologies: Python**,** React, Java, SQL (Microsoft SQL Server and Postgres), JavaScript, C++, C#, Microsoft Azure, Git