

Sean Wilkinson

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WORK EXPERIENCE

BounceX – Software Engineer

New York, NY September 2018 – Present

Identity Resolution

- Researched and developed methods of identification for anonymous internet traffic.
- Improved identification rates using a combination of probabilistic and deterministic device identifiers.
- Develop pixel solution as alternative to JavaScript tag for ID resolution.

bxConnect

- Built supporting backend services for statistics dashboard to visualize performance of various marketing campaigns.
- Created API routes that allow for the creation and management of email campaigns.

PlatformX

- Built service to render proactive personalized email messaging for eligible prospective customers.
- Created Dataflow pipelines to normalize data for training ML model.

Infotech Soft – Software Engineer

Miami, FL January 2014 – August 2018

Automated Semantic Mapping of Ontologies with Verification (ASMOV) Server

- Created service to normalize properties on import to allow mapping between ontologies.
- Implemented RESTful services to support the alignment of ontologies using the ASMOV tool.

Viral Epidemiology Data Mining System

- Implemented RESTful services to support graphical function expression builder to describe data transformations.
- Designed UI to allow users to view, edit, and explore large ontologies.
- Implemented backend services to allow creation of ETL processes.

Data Integration Platform

- Designed UI component to allow users to tag and edit SPARQL queries.
- Improved query writing for SPARQL Query Engine.

BGT Partners – Application Development Intern

Hallandale Beach, FL June – November 2012

Web Application for E-commerce Transactions

- Developed system to verify tokens entered by users.
- Created and executed tests for ASP.NET applications.

EDUCATION

University of Miami, Coral Gables, FL

- Bachelor of Science, Computer Engineering; Second Major in Computer Science, December 2013

SKILLS

- **Programming Languages**
 - Go, Java, JavaScript, HTML, CSS
- **Technologies**
 - Git, React, React Native, Node, Docker, Dataflow, BigTable, BigQuery, Kubernetes

PROJECTS

- **SmartTerm LMS (2015-2019):** A cohesive web and mobile learning management system that connects administration, teachers, students and parents. (Node, Angular, React Native)
- **bxRadio (2019-2020):** A slack application that allows users to view and listen to what song is currently playing in the BounceX lobby as well as the most recently played songs. (Go, JS)