

PROFESSIONAL EXPERIENCE

Publicis Sapient

New York, NY

Senior Associate Experience Technology L1, August 2019 - Present

Goldman Sachs | FAST Analytics

- Embedded with client engineering team to build internal data intelligence & visualization tool
- Optimized application to leverage containing Openfin platform API
- Advised on and helped implement maintainable client side architecture patterns

Goldman Sachs | Transaction Banking

- Embedded with client engineering team to develop payment processing system monitoring tool
- Re-architected application frontend to follow framework best practices

VShift

New York, NY

Software Engineer, May 2017 - August 2019

- Planned and contributed to multiple content-managed platforms for Fortune 500 clients
- Built consumer facing financial intelligence React SPA to integrate with client backend
- Managed and executed projects to integrate client branded assets with 3rd party APIs
- Assessed and utilized various state management, build, and asset management tools

Snaps, Inc

New York, NY

Software Engineer, February 2017 - April 2017

- Automated processes to periodically store CMS persistence layer snapshots
- Built CMS features to visualize chat bot interaction statistics

7Park Data

New York, NY

Engineering Team Contractor, July 2016 - December, 2016

- Contributed to newest version of digital media usage intelligence dashboard
- Implemented front end features with React, Redux, Highcharts, and JWT auth
- Refactored existing Django API endpoints to improve performance
- Designed API resources to serve data from relational and nonrelational databases

Tamr, Inc

Cambridge, MA

Engineering Team Intern, January 2016 - April 2016

- Contributed to microservice-based spend data analysis & visualization platform
- Contributed to in-house UI library of React components
- Researched and developed testing strategy for UI component library

PROJECTS

Automatic Mist Irrigator

Designed and constructed a mist irrigation system for indoor gardening using procured and found plumbing and electronic hardware. Main pump and valve are controlled by Python scripts via a Raspberry Pi GPIO board, and system is administered with a small Flask web app accessible over home network. Future enhancements may include adding sensors to monitor soil moisture and enhancing administration app with moisture data viz.

EDUCATION

Bowdoin College

Brunswick, ME

B.A. in Philosophy and Economics, September 2007 - May 2011

