James M Carney

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PROFESSIONAL EXPERIENCE

Publicis Sapient *Senior Associate Experience Technology L1* — August 2019 - Present — New York, NY & Remote

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 React & Redux best practices
- Enhanced CI/CD pipelines to enforce more comprehensive code quality standards
- Onboarded, supervised, and delegated deliverable responsibilities to new remote team members

VShift *Software Engineer* — May 2017 - August 2019 — New York, NY
- Planned and implemented content-managed marketing platforms for Fortune 500 clients
- Built consumer facing financial intelligence React SPA to integrate with client backend financial reporting API
- Managed and executed projects to integrate client branded assets with 3rd party APIs
- Researched and assessed state management, build, and asset management tools for project suitability

Snaps, Inc *Software Engineer* — February 2017 - April 2017 — New York, NY
- Implemented CMS features to visualize geo- & demographic chat bot interaction statistics
- Automated processes to periodically store CMS persistence layer snapshots for data storage compliance

7Park Data *Engineering Team Contractor* — July 2016 - December 2016 — New York, NY
- Contributed to newest version of client-facing digital media usage intelligence dashboard
- Implemented dashboard auth, account management, and visualizations with React, Redux, Highcharts, and JWT
- Refactored and extended existing Django API to improve performance and add more granular filtering functionality
- Designed API resources to more ergonomically serve data from relational and nonrelational databases

Tamr, Inc *Engineering Team Intern* — January 2016 - April 2016 — Cambridge, MA
- Contributed to microservice-based spend data analysis & visualization platform
- Extended in-house UI library of React components for use across multiple client-facing products
- Researched and developed testing framework for UI component library with Karma, Enzyme, and Mocha

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 roadmap includes adding sensors to monitor soil moisture and enhancing administraction app with moisture data viz.

TECHNOLOGIES

Javascript · Node · React · Redux · MobX · Typescript · Jest · Sass · Webpack · Ruby · Rails · SQL · Git

EDUCATION

Bowdoin College *B.A. in Philosophy and Economics* — September 2007 - May 2011 — Brunswick, ME