# James M Carney

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#### PROFESSIONAL EXPERIENCE

# Publicis Sapient Senior Associate Experience Technology L1 Goldman Sachs | FAST Analytics

August 2019 - Present New York, NY & Remote

- Embedded with client engineering team to build internal data intelligence & visualization tool
- Optimized application state management to better leverage available Openfin platform API features
- Researched, documented, and 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-organized application frontend to implement consistent React & Redux architecture
- Standardized frontend test suite to raise coverage (~2%), clarify reporting stats
- Worked with backend team to plan, standardize, and document new API interfaces to support frontend features
- Onboarded, supervised, and delegated deliverable responsibilities to new remote team members

# **VShift** Software Engineer

May 2017 - August 2019

Planned and implemented content-managed marketing platforms for Fortune 500 clients

New York, NY

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- 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

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

• Contributed to newest version of client-facing digital media usage intelligence dashboard

New York, NY

- 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

- Contributed to microservice-based spend data analysis & visualization platform Extended in-house UI library of React components for use across multiple client-facing products
- Cambridge, MA
- 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 visualization.

#### TECHNOLOGIES

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

#### **EDUCATION**

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