

# John Purviance

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johnpurviance.com

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## Experience

### **Sr. Software Engineer, Bloomberg LP**

New York NY, October 2021 - Present

- Architected and Orchestrating the Python 2 to 3 migration of Bloomberg's Object Storage system.
- Created API contract validation system that reduced time to production.

### **Python Guild Leader, Bloomberg LP**

New York NY, July 2019 - Present

- Architecting and Building Bloomberg's core caching framework for Python TCP Services & Clients.
- Expanded codec support for Bloomberg's core Python TCP Services and removed expensive encode-decode operations.
- Taught workshops to over 400 Engineers on Python 2 to 3 Migrations, Concurrent Programming in Python, and Creation & Distribution of Python Packages.

### **Sr. Software Engineer, Bloomberg LP**

New York NY, June 2017 - October 2021

- Reduced build time of core python component by 90%
- Architected and Built scalable annotation platform for extracting securities from instant messages and email.
- Designed and Built performance evaluation system for security extraction that increased developer productivity by over 100%

### **Data Engineer (Intern), Capital One**

Dallas TX, June 2016 - August 2016

- Developed dashboard and REST API for tracking and serving logs.

### **Software Engineer (Intern), Reinventing Geospatial, Inc.**

Fairfax VA, June 2015 - August 2015

### **Software Engineer (Co-Op), Reinventing Geospatial, Inc.**

Fairfax VA, January 2015 - May 2015

## Hackathon Wins

### **Amazon Web Services: Best use of AWS**

StackCents, Bitcamp, April 2017

### **Capital One: Mobile - Web App Winner**

CafeConnect, Capital One Hackathon, July 2016

### **Microsoft API Winner: Best use of Azure**

Flex, VTHacks III, February 2016

## Education

B.S. in Computer Science

Virginia Tech, May 2017

Minors in Math & Economics

## Open Source

Bloomberg Review Panel,

August 2021 - Present

## Engineering

## Development

New Employee Mentor,

Bloomberg, 2018 - Present

## Skills

Python, JavaScript, Docker,  
Redis, Kafka and Git

