

John Purviance

johnpurviance.com

jsgpurviance@gmail.com

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 validation system that reduced time to production of services.

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. 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

