

RYAN EAGAN

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<http://eaganr.com>

WORK EXPERIENCE:

Technology Analyst

July 2017-Present

Bank of America Merrill Lynch, New York, NY

Develop a real time trading application monitoring and data aggregation tools in kdb+
Maintain API and web page visualizations using D3.js with access to intraday and historical data
Configure packet capture devices, write proprietary order/fill protocol packet decodes

Technology Intern

June-August 2017

Bank of America Merrill Lynch, New York, NY

Developed host metrics analytics data aggregation tools in kdb+
Developed features for in house D3.js based web charting library

Web Development Intern

June-August 2014

Atlantic Media Company, Washington, DC

Wrote python scripts to scrape over 3000 hand coded HTML files of The Atlantic magazine articles
from 1857 to 2004 and input them into the main articles database
Developed editorial features for a Django content management backend web and magazine articles
Setup advertising and analytics tracking on theatlantic.com in PHP and Javascript

Senior Project Manager

September 2012-August 2014

Students of Georgetown, Inc, Washington, DC

Developed a Django website designed to take and organize payment for catering orders
Including a CMS for managing orders, tracking purchasing trends, and communicating with customers
Developed a PHP IT Ticket Manager for reporting and tracking computer and network issues
Developed a website for managing student summer storage

Georgetown Physics Dept, Washington, DC

January-May 2014

Teaching Assistant for Physics 102: Electricity and Magnetism

Tishman Speyer Properties, London, UK

May-August 2012

Intern for the UK Acquisitions & Asset Management and Sustainability teams
Arranged World Green Building Week and Global Real Estate Sustainability Benchmark preparations for
assets in London, Paris, Frankfurt and Hamburg in coordination with colleagues in New York

EDUCATION:

Columbia University, Class of 2016

BS Computer Engineering

Georgetown University, Class of 2015

BA Physics

The American School in London, Class of 2011

ACHIEVEMENTS/ACTIVITIES:

Co-Founder of Georgetown Secular Student Alliance

Eagle Scout

TECHNICAL SKILLS:

Programming Languages: kdb+, JavaScript, Python, C, C++, Java, PHP, MySQL, Mathematica

Other Skills: Git, Linux, Unix, Excel

Interests: Basketball, Mandarin, and Travel