GREGORY CHEN

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EXPERIENCE

Bloomberg L.P.

Software Engineer, Connectivity and Integration Solutions Team (CIS)   2018 - Present
- Full stack and distributed systems engineer currently focused on Golang, Node, and React
- Selected projects
    - Dray - a distributed workflow execution platform that enables developers to write code as reusable workflow components instead of bespoke applications (Golang, gRPC, React)
    - B2D2 - cloud platform as a service providing container deployment, auto-scaling, monitoring, and other features on top of Bloomberg's OpenStack infrastructure (Node, React)
    - CIS Config - central REST interface for creation of internal CIS resources (Scala, Play, Angular)

Software Engineer, TOMS (Trade Order Management Systems)   2017 - 2018
- Regulatory features for the EU's MiFID II legislation
- Total re-design/implementation of Bloomberg Terminal function for stripping and reconstituting bonds

Betterment - Software Engineer Intern   2016
- Java back-end developer on Trading team, is responsible for the implementation and testing of core tools and applications performing backend operations in cash and trading
- Implemented a market volatility detection tool to influence trading strategy, streamlined external pricing API calls, and created "flame graph" visualizations of stress-test performance metrics

Columbia University - Research Assistant   2015 - 2016
- Research publication: "Demo Abstract: Power-Aware Neighbor Discovery for Energy Harvesting Things," in Proc. ACM SenSys '16, 2016
- https://dl.acm.org/citation.cfm?id=2996538

Piano Instructor   2011 - 2012
- Worked with the NYC Dept. of Education, Latin Jazz Alliance, San Jose Jazz Society, and others

EDUCATION

Columbia University - Class of 2017
B.A. in Computer Science; Cumulative GPA: 3.7; Dean's List 2013-2017

Manhattan School of Music - Class of 2013
B.M. in Jazz Piano Performance; Cumulative GPA: 3.9; Dean's List 2019-2013