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Taylor He

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EDUCATION

Stevens Institute of Technology
B.S. in Computer Science
Minor in Mathematics

May 2019
GPA: 3.712

SKILLS

Languages: C++ Python TypeScript
Tools & Frameworks: React Material UI MongoDB Behave

EXPERIENCE

Bloomberg LP *Software Engineer* July 2019 – Present

- Owned the trading assistant workflow, including scoping, design, and implementation.
- Implemented widget-granular permission checks when a user is modifying a trade.
- Enabled order cloning functionality in an order blotter through backend enhancements.
- Reduced technical debt by deprecating legacy calls whenever possible during sprints.
- Collaborated cross-team with product and infra to bring an underscoped feature to clients.

Broadway Technology *Software Engineer* Jun 2017 – Jun 2019

- Extended the fixed income trading platform to support real time price contribution of commercial paper.
 - Implemented Bloomberg's Rate Streaming Protocol using QuickFIX's messaging engine.
 - Handled intra-day object creation as new commercial papers issuances are processed.
- Created a fully configurable dashboard to expose customer invoicing errors via time records.
- Enhanced a Gantt chart application to modify employee allocations on a large dataset.
- Unified Zoho sales data and engineer allocations to better allot resources for future projects.
- Led data integration of recruiting workflows, email tracking, Jira workflows, and others.

Stevens Institute of Technology *Teaching Assistant* Aug 2017 – Dec 2018

- Assisted in Algorithms (Fall 2017) and IT Security (Fall 2018).

Lockheed Martin *Software Engineering Intern* May 2016 – Aug 2016

- Implemented a multi-tabbing feature and various QoL changes to an internal GUI builder.

PROJECTS

taylorhe.github.io Dec 2019 - Present

- Blogging biweekly about programming and engineering topics I think are interesting.