Taylor He

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github.com/taylorhe
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EDUCATION

Stevens Institute of Technology	May 2019
B.S. in Computer Science	GPA: 3.70
Minor in Mathematics	

SKILLS

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

EXPERIENCE

Bloomberg LP — *Software Engineer* — July 2019 – Present

- Enabled order cloning functionality in an order blotter though backend enhancements.
- Implemented widget-granular permission checks when a user is modifying a trade.
- Reduced technical debt by deprecating legacy calls whenever possible during sprints.
- Collaborated cross-team with product and infra to bring an under scoped feature to clients.
- Leading the effort to replace the existing Python 2 integration test framework with a Python 3 compatible library Behave.

Broadway Technology — *Software Engineer* — Aug 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.