

Phillip Maier

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SUMMARY

- Excellent analytical capabilities combined with strong impersonal skills and motivation to drive projects to completion.
- Experienced in front-end technologies with a passion for learning, and a desire to develop back-end skills.
- Dedication to developing smart and elegant code combined with a passion for solving puzzles.

EXPERTISE

- **React 16.9**, JavaScript, ES6, Enzyme/Jest/Puppeteer
- Apollo GraphQL, Node, Restful API's
- HTML, CSS, XML, D3, SVG, Typescript, PropTypes
- MongoDB: Atlas & Express, AWS: EC2, S3, CloudFront
- GitHub, Jira, Visual Studio 2015/2019, Emacs/Vim,
- Stata, VBA, MATLAB, SQL

EDUCATION

2014 - 2018 **BOWDOIN COLLEGE** Brunswick, ME
Bachelor of Arts, Majors: Biochemistry and Economics double major, Minor: Computer Science
Advanced Classes: Algorithms, Financial Economics, Organic Chemistry, Physical Chemistry
Captain of the Chess Club (1 year), Treasurer of the Crew Team (3 years).

EMPLOYMENT HISTORY SUMMARY

Oct 2019- **STATE STREET** Boston, MA
Present **SOFTWARE ENGINEER**

- Converted the Money Market Mutual Fund (MMF) API from Restful (with some Relay) to Apollo GraphQL without disrupting the flow of billions of dollars per day.
- Using React and several JavaScript libraries created a set of reusable data visualizations for the MMF business.
- Brought automated test coverage of the 10-year-old database up from 0% to ~10-15% using jest/enzyme (integration and unit tests) and puppeteer (E2E tests).

Aug 2018- **AVANT-GARDE HEALTH** Boston, MA
Aug 2019 **JUNIOR SOFTWARE ENGINEER**

- Development of HIPAA compliant SAAS application serving doctors and hospital administrators to improve patient outcomes and health care provider economics.
- Practiced an Agile workflow following a Scrum framework.
- Began working with GraphQL and node.
- Designed and built a working component library (React + d3/svg) for data visualization.

Summer **BOWDOIN COLLEGE** Brunswick, ME
2017 **BOWDOIN RESEARCH FELLOW**

- Identify trends in the CRSP database to explain the statistical failings of the CAPM's based on Fama & French.
- Developed competence in the use of Stata and regression calculations.

Summer **MITIMCO (MIT'S ENDOWMENT)** Boston, MA
2016 **Analyst in Investment Analytics and Reporting (IAR)**

- Led investment reconciliation as well as the simplification and updating of the Board Book asset valuation models.
- Developed in depth competence in Excel and gained a working understanding of Bloomberg and SQL.

ACTIVITIES AND INTERESTS

2019 **Volunteer at Rosie's Place** Boston, MA

2014 - 2018 **BOWDOIN ACTIVITIES:** Brunswick, ME
2018 **Bowdoin Varsity Crew Team** (Treasurer)
2018 **Bowdoin Chess Club** (Captain)
2014 - 2017 **Bowdoin Alpine Ski Team**
2015 - 2016 **Volunteered at Let's Get Ready** (SAT Tutor for disadvantaged students)
2014 - 2016 **Bowdoin College Orchestra** (principle second violin)

PERSONAL

- Fluent English, Conversational German, and Dual US-German citizen.
- Avid rower, climber and chess player.
- Loves fantasy books.