

EDUCATION

UNIVERSITY OF ROCHESTER, *Rochester, NY*

2013 - 2017

Bachelors of Science in Computer Science; Bachelors of Art in English

GPA 3.86; Dean's List 8/8 Semesters

WORK EXPERIENCE

LEAD TECHNICAL WRITER, *Gradle*

2022 - 2023

Gradle Build Tool, Kotlin, Groovy, Java, AsciiDoc.

- Refactored existing documentation to ease the onboarding process for new Gradle Build Tool users.
- Edited net-new engineering docs contributions to ensure consistency and comprehensiveness throughout the docs.
- Coordinated with Engineering and Education to write, edit, and revise release notes for Gradle Build Tool.

SENIOR TECHNICAL WRITER, *MongoDB*

2019 - 2022

Kotlin, Python, Java, Javascript, rST, Sphinx.

- Wrote developer-focused tutorials and documentation for MongoDB Server, Realm, Stitch, and client libraries.
- Responsible for all MongoDB Realm Java and Kotlin SDK documentation, tutorials, and sample applications.
- Developed and implemented a markup syntax and parser that enabled the team to test code samples and tutorials.

SOFTWARE DEVELOPER, *Bloomberg LP*

2017 - 2019

C++, Comdb2, Python, Javascript, Java, Node, Postgres, Kafka.

- *Bloomberg Indices*: Built a REST API and UI for managing and calculating both the Bloomberg Barclays Indices and bespoke customer indices.
- *Developer Experience*: Built an internal web app to make project management and continuous integration easier for other developers at Bloomberg.

WORKSHOP LEADER AND TEACHING ASSISTANT, *University of Rochester*

2014 - 2017

C++, Java.

- Led workshops and graded assignments, quizzes, and tests for 5 different classes, 8 semesters total:
Introduction to Java, Introduction to Data Structures, Computational and Formal Systems, Honors Research Seminar, and Artificial Intelligence
- As head TA, led test review, student testing, and quiz/test grading sessions.

PROJECTS

BLUEHAWK, *TypeScript*

2022

Markup processor for documentation examples.

- From unit tests, generates formatted code examples with syntax highlighting and token replacement.
- Replaces "finished" code with "todo" code for a branch in a tutorial repo.
- Documentation hosted at <https://mongodb-university.github.io/Bluehawk/>.

HULK, *C++, Bloomberg Message Queue, SQL*

2019

Cache sitting in front of a memory/CPU intensive calculation engine.

- Improved average query performance by multiple orders of magnitude.
- Refreshed invalidated index calculations each day without interfering with interactive user traffic.

SKILLS & INTERESTS

Languages: Kotlin (proficient), C++ (proficient), Java (proficient), Python, Javascript, TypeScript, SQL, MQL

Activities/Interests: Recruitment, Campus Outreach, Teaching, Coffee, Running, Biking, Hiking