

## 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

---

### SENIOR TECHNICAL WRITER, *Raspberry Pi*

2023 – NOW

*AsciiDoc, Python, rST.*

- Updated documentation for Raspberry Pi OS and Raspberry Pi hardware, including Pi 5, Pi 4, Zero, and Pico.
- Wrote datasheet documentation for Raspberry Pi hardware and silicon.

### 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 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.
- Managed 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 an API and UI for calculating both the Bloomberg Barclays Indices and custom 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.*

- As head TA, led test review, student testing, and quiz/test grading sessions. 5 different classes, 8 semesters total:  
*Intro to Java, Data Structures, Computational Systems, Honors Research Seminar, and Artificial Intelligence*

## 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.

### 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.

## SKILLS & INTERESTS

---

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

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