Nathan Contino

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EDUCATION

UNIVERSITY OF ROCHESTER, *Rochester, NY*　　　　　　　　　　AUG 2013 - MAY 2017
Bachelors of Science in Computer Science; Bachelors of Art in English
GPA 3.86; Dean's List 8/8 Semesters

WORK EXPERIENCE

DOCUMENTATION ENGINEER, *Gradle*　　　　　　　　　　　　JUL 2022 - CURRENT
Gradle Build Tool, Kotlin, Groovy, Java, AsciiDoc.
- Responsible for all Gradle Build Tool documentation.
- Refactored, reorganized, and revised existing documentation.
- Wrote, edited, and revised release notes for Gradle Build Tool.

SENIOR SOFTWARE ENGINEER (EDUCATION), *MongoDB*　　　　JUL 2019 - JUL 2022
Kotlin, Python, Java, Javascript, rST.
- 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 INDICES), *Bloomberg LP*　　JUN 2018 - JUL 2019
C++, Comdb2, Python, Javascript.
- Helped design, optimize, and improve the Bloomberg Indices API layer for custom index value calculations.
- Debugged, triaged, and resolved client-reported bugs in the UI and calculation pipeline.

SOFTWARE DEVELOPER (DEVELOPER EXPERIENCE), *Bloomberg LP*　　MAY 2017 - JUN 2018
Java, Node, Postgres, Kafka.
- Developed and recommended best practices for common project types across the company.

WORKSHOP LEADER/TEACHING ASSISTANT, *University of Rochester*　　AUG 2014 - MAY 2017
- 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

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.

DEVISE, *Javascript, Java, Kafka, PostgreSQL*　　　　　　　　　　　　　　　　2018
Engineering department-wide CI/CD Platform.
- A convenience portal for onboarding teams to internal tooling, including: JIRA, GitHub Enterprise, an internal bug/feature tracker, Jenkins, and SonarQube.

SKILLS & INTERESTS

Languages: C++ (proficient), Java (proficient), Kotlin (learning), Python, Javascript, SQL
Activities/Interests: Recruitment, Campus Outreach, Teaching, Coffee, Running, Biking, Hiking