

Roger McRobert Cronin

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TECHNICAL SKILLS

Programming Languages: JavaScript / Node.js (Mastery), HTML (Mastery), CSS (Mastery), TypeScript (Proficient), Java (Mastery), Python (Proficient), SQL (Intermediate), C / C++ (Intermediate)

Technologies and Libraries: React, Angular, Spring Boot, JUnit, Mockito, Git, GitHub, BitBucket, Oracle SQL Developer, Visual Studio Code, IntelliJ, Liquibase

WORK EXPERIENCE

University of Delaware | Computer Science Teaching Assistant

January 2024 - present

- Conducted labs, helped students with work, and graded projects for an introductory systems programming course
- Held office hours to help students with their projects and other assignments in class

JP Morgan Chase & Co. | Software Engineer Intern

June 2022 - present

- Developed an application to consolidate, analyze, and optimize 40 disparate data sources, creating a single unified view for financial metrics
- Used a **Spring Boot** backend with **Oracle Database** to read input data, perform data analysis, and cache results for fast lookup by other services
- Designed and implemented a robust **database design**
- Implemented database version control with **Liquibase**
- Configured the firm's internal **Oracle Cloud** platform to host an Oracle Database
- Utilized **JUnit** and **Mockito** to build a vast testing platform, performing unit and integration tests for all stages of our application
- Developed a full-stack feature for a company tool to safely perform CRUD operations on internal data
- Leveraged end-to-end type safety with **TypeScript** using an **Angular** frontend

Code Differently | Software Engineer Intern

October 2021 - June 2023

- Developed different full-stack applications with other interns to expand our skills in programming, software design, collaboration, and presentation
- Followed a boot camp-like curriculum for **Java**, **web technologies**, and **database design**
- Created mock projects with a variety of technologies like **React**, **Spring Boot**, **SQL**, and generic **Java**
- Achieved the Oracle Certified Foundations Associate certification in Java

Projects

For information on my projects, please see my GitHub profile: <https://github.com/RogerCronin>

Education

University of Delaware | Computer Science BS (Data Science), Mathematics BA | Graduating May 2026

- Computer Science BS, Mathematics BA, Honors Degree
- Dean's List, cumulative 3.995 GPA
- Member of the Honors College
- Member of the Fightin' Blue Hens Marching Band