

BENJAMIN ROBERTS

Junior Software Engineer

 Berkeley, California  benrobertsplus1  SenorRoberts  benroberts.com

New graduate fast-learning software engineer looking to gain experience in the industry

TECHNICAL SKILLS


Languages: JavaScript HTML/CSS Java Rust Haskell Python

Tools & Technologies: Git Docker Linux 

Databases: PostgreSQL

EDUCATION

Bachelor of Science: Computer Science | [University of Maryland](#)

 August 2020 – May 2024  College Park, Maryland

- GPA: 3.65
- Five Time Academic Honors

International Baccalaureate and High School Diploma | [Berkeley High School](#)

 August 2016 – June 2020  Berkeley, California

- GPA: 3.47 (Unweighted)

EXPERIENCE

Independent Contractor | [Dataannotation.tech](#)

 June 2024 – Present  Remote

Rated programming-related responses from LLMs to support training. Created prompts to be included in training data sets. Was exposed to a wide variety of languages, technologies, and paradigms through diverse training sets.

Teaching Assistant | [University of Maryland](#)

 January 2023 – December 2023  College Park, Maryland

CMSC433: Programming Language Technologies and Paradigms

- Built auto-graders for Haskell code utilizing quick check property-based testing and deploying in a Docker container.
- Wrote programming projects for students centering around parallelism and Haskell implementation of Software Transactional Memory

CMSC250: Discrete Structures

- Taught a semiweekly discussion and worked directly with a smaller subset of students, offering more individualized persistent assistance.

Software Engineering Intern | [John's Hopkins University Applied Physics Lab](#)

 June 2021 – July 2021  Laurel, Maryland

Built an internal developer tool written in Python that data mined a large evolving codebase written in Java, TypeScript, and C++. Additionally, it produced a report and CSV list of matches, allowing developers to find where certain structures were referenced.

- Utilized version control using Clearcase and over SSH with a Unix server.
- Operated in a team environment using the Agile Scrum method and participated in code reviews.
- Experienced learning new languages and technologies quickly as needed.
- Implement a unit test suite to aid in regression testing.