

# Trym Ramberg

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## OBJECTIVE

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Highly motivated and determined Engineer interested in Systems Design and Software Architecture, and in making a substantial and immediate impact for you and your team as a Software Engineer

## EDUCATION

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**University of Michigan** Aug. 2019 – April 2023 (expected)  
*B.S.E. in Computer Science, Minor in Ross Business* Ann Arbor, MI

- Distributed Systems, Operating Systems, Web Systems, Database Management Systems, Data Structures and Algorithms, Programming Languages, Introduction to Computer Organization, Linear Algebra, Discrete Math
- GPA: 3.70

## EXPERIENCE

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**Software Engineer Intern** June 2022 – Aug. 2022  
*Slalom* Detroit, MI

- Developed a performant and scalable full-stack web application for a client using Next.js and Vercel
- Performed extensive Testing of website, including Unit Testing, Snapshot Testing, End-To-End Testing, mocking of API calls, etc. using Jest, Enzyme, and React Testing Library
- Automated CI/CD pipeline from scratch that would build and test all components before pushing commit to production, in order to prevent any unintended errors
- Led multiple demos with our clients in order to continuously get feedback on our progress and to approach our work in an Agile way
- Worked effectively with larger team of other Engineers, Designers, and a Scrum Master to deliver a high quality end product to our clients

**Web Developer** Jan. 2020 – June 2022  
*University of Michigan, Multidisciplinary Design Program* Ann Arbor, MI

- Managed and developed website from scratch for one of the programs offered by the University of Michigan
- Scaled website to attract more than 25,000+ independent users since our initial launch in 2020
- Collaborated closely with faculty to create a portfolio to showcase over 25+ projects available to students, in collaboration with various companies (such as JPMorgan, Subaru, Caterpillar, Whirlpool, etc.))

**Web Development Intern** May. 2020 – Aug. 2020  
*University of Michigan, Multidisciplinary Design Program* Ann Arbor, MI

- Started rebuild of the website for the Multidisciplinary Design Program
- Conducted research and communicated with users in order to understand pain points of the previous website
- Collaborated tightly with development team through weekly standups in order to share project design ideas and potential growth points

## PROJECTS

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**Search Engine** | *Python, React, AWS, Bash* June 2021

- Developed a full-stack web application replica of Google/Bing
- Implemented a MapReduce pipeline and an Inverted Index to construct all search results
- Automated testing processes through scripting

**Social Network** | *Python, React, Flask, AWS, SQL* May 2021

- Developed a full-stack web application replica of Instagram
- Implemented CRUD operations and user authentication to dynamically tailor the displayed content for each signed-in user
- Hosted application through AWS

## SKILLS

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**Technical Languages:** C++, Go, Python, TypeScript, SQL  
**Frontend Frameworks:** Next.js, React.js, Node.js, Flask  
**Project Management:** MySQL, MongoDB, AWS, Vercel, Git  
**Languages:** English, Norwegian, Swedish, Danish