

# Seng Horn Rith

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## Education

**University Of Utah** - Salt Lake City 3.89 GPA  
Bachelor's of Science - Computer Science 2019-2023  
Master's of Science - Secure Computing 2025 Expected Completion  
**Relevant Courses:** Software Practices, OOP, Algorithm, Database Systems, Web Software, Mobile App, Computer Systems, AI, Security Test, Computer Security

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## Technical Skills

Programming Languages: Java, C++, C#, HTML, JavaScript, TypeScript, Python, SQL  
Other Technologies: .Net Core, React, React Native, Node.js, Git, Docker, Playwright, Express.js

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## Experience

**Full-Stack Engineer Intern** | Qnergy June 2023- Current

- Fixing bugs and develop new features full-stack applications
- Built scripts for syncing test server database with production database
- Developed Rest API and automation end to end tests for various projects
- Technologies used: MongoDB, React, Express.js, Jest, JavaScript and TypeScript

**Teaching Assistant** | University of Utah Computing Fall 2021 - Current

- Assisting Prof. in courses include: Web Software Architecture and OOP
- Lead lab discussion, assignment helps, grading and tutoring

**QA Intern** | University of Utah IT May 2022-Aug 2022

- Created, maintained and updated existing Selenium Test applications
  - Refined Web Application for test result tracker to use a more space/time efficient database system
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## Projects

**CareCoord Mobile Application** - React Native, Express.js

- Placed 1st in CS Capstone Team for the class of 2023 at the University of Utah
- Developed a mobile application that allow people to coordinate caretaking as a group
- Features: real-time messaging, notes, calendars, metric graphs, settings
- Tech: React Native, Express.js, MySQL, Jest, JWT, AWS (EC2, RDS, S3), GitLab CI/CD

**TA Web Application** - C#, .Net Core

- Built Teaching Assistant Application site that allow students to apply for TA position
- Tech Stack: jQuery, Bootstrap, SweetAlert, SendGrid, GoogleAuth, .Net Core
- Deployed the application on AWS EC2 service and MySQL Database

**Spreadsheet Application** - C#, C++

- Frontend C# using Visual Studio Enterprise, Backend C++ and Docker
- Features include: circular dependencies detection, revert, redo, concurrent editing
- Created multithreading server to handle different stages of client connections