

# Chris Kastritis

## OBJECTIVE

---

To obtain an opportunity that will allow me to create innovative products and experiences that positively impact people's lives.

## EDUCATION

---

<b>Master of Computer Science</b>	North Carolina State University, Raleigh, NC	December 2024
<b>Bachelor of Science in Computer Science</b>	North Carolina State University, Raleigh, NC	December 2023
• Magna Cum Laude		

## PROFESSIONAL EXPERIENCE

---

<b>Vatica Health</b> , Software Engineering Intern	May - August 2023, 2024
<ul style="list-style-type: none"><li>Created an application using Angular and .NET, which allows users to view and interact with data on Veracode identified security flaws for the main applications of the company. This application is being used daily by the company to improve the efficiency of the handling of these flaws which improved the security of the applications.</li><li>Implemented user interface improvements and data table changes on the core application to optimize the user experience..</li><li>Created a time estimation reporting system using Azure DevOps API that is being used by developers to create more accurate time estimations which improved the overall planning of the team.</li><li>Created test cases within Azure DevOps and improved automated test coverage by 2%.</li><li>Participated in scrum teams as a part of an overall Scaled Agile Framework structure.</li><li>Acted as the lead for new junior interns by providing guidance as they onboarded with the company.</li></ul>	

## RELEVANT COURSEWORK

---

### Senior Design

- Created the main functionality for a progressive web application that was used by NC State University and other schools to manage office hour queues to allow for a smoother processing of students office hours.
- Collaborated with teammates and sponsors to define product requirements, create designs, implement and test the solution.

### Software Engineering

- Developed a Discord bot that is used to track stocks through integrations of stock exchange websites API.
- Learned all of the parts necessary to create a well designed Github repository.
- Took a project created by another team and learned how to understand their code structure and improved upon it to completion..

### Artificial Intelligence

- Implemented reinforcement learning algorithm to determine optimal scenarios.

### Object-Oriented Design and Development

- Learned to use SOLID design principles to refactor and improve upon our code

### Database Management System

- Created a relational database system and connected application to achieve set goals for the application.
- Developed SQL queries to allow the application to interact with the database.

## SKILLS

---

**Languages:** Java, JavaScript, C, TypeScript, C#, Python, Ruby

**Web Technologies:** HTML, CSS, Material UI, Angular Material

**Frameworks:** Junit, AngularJS, Node.js, React, ASP.NET core, Angular

**Tools:** Eclipse, MobaXterm, VS Code, Visual Studio

**Database:** MySQL, SSMS, MariaDB