

Tara M Chapman

Junior Software Developer

tchapman@oakland.edu

586-994-0764

github.com/tchapman114

linkedin.com/in/tarachapman01

Education

Oakland University - Bachelor of Science, Computer Science

Expected Graduation May 2023

3.8 GPA | President's List, 2021 | Dean's List 2022-2023

Course Project - Grizz Financial: Created a financial budgeting web application for college students. Engineered the user interface with Visual Studio code, HTML, CSS and Javascript. Collaborated with team members in Github, enforcing a SCRUM environment. Integrated the front-end to a SQL database and Spring Boot Security System by structuring with Thymeleaf.

Course Project - Patient Tracker: Guided and developed a PHP patient tracking management system, fulfilling SCRUM development tactics. Retrieved and stored patient data by implementing SQL database, maintained through myPHPAdmin. CSS, PHP, VSC

Macomb Community College - Associates of General Studies

Graduated December 2018

3.9 GPA | Summa Cum Laude Graduate | Dean's List, 2016-2021

Course Project - Rock, Paper, Scissors, Fire: Organized and coordinated a group project that simulated the popular Rock, Paper, Scissors game with a fun twist. Developed numerous methods using C++ and Visual Studio Code. Lead the group to perform weekly tasks while documenting the progress in Google Docs.

Practiced Skills

- | | | | |
|--------------------------|---------------|-------------------------|---------------------------------|
| ◆ Kotlin API Development | ◆ C++ | ◆ Agile, SCRUM | ◆ Windows, Mac |
| ◆ Azure DevOps | ◆ Python | ◆ Handlebars | ◆ IntelliJ, Visual Studio Code, |
| ◆ Amazon Web Services | ◆ React | ◆ Git, Github, Git Flow | NetBeans, Eclipse |
| ◆ HTML, CSS, JavaScript | ◆ TypeScript | ◆ Sumo Logic | ◆ SQL |
| ◆ Java | ◆ Refactoring | ◆ Jira, Confluence | ◆ Microsoft Suite |

Work Experience

365 Retail Markets – Software Engineer Intern, API Team

June 2022-Present

AWS, Azure, Kotlin, Postman, SQL, Groovy, Gradle, Agile

- Engineering several API endpoints and maintained unit testing. Successfully update database using kotlin exposed table joins and queries
- Implementing a stored procedure in SQL
- Designing dynamic language email templates and tests and implemented the email trigger within a API
- Troubleshooted failing Azure tests pipelines
- Maintained and Bolstered an Internal Client Library for our API Suite for Use in Other Company Applications

Relevant Projects:

- **August 2022:** Developed the process of multiple AWS SQS queues that triggered a lambda function. Dynamically deployed in a newly created Azure pipeline.

365 Retail Markets – Software Engineer Intern

March 2022-June 2022

Java, JavaScript, TypeScript, Handlebars, React, Agile, IntelliJ, Git, Github, Confluence, Jira, Sumo Logic

- Configured and converted a React Javascript application to be compatible with Typescript.
- Implemented internal development unit tests for Automated Commercial Approvals.
- Diagnosed several technical debt items and resolved missing unit tests.
- Monitored project documentation and formulated code flow diagrams using Confluence.
- Excelled in pair programming refactoring tasks and identified code smells for an email template service.
- Developed solutions and followed Git Flow for necessary fixes.
- Completed **Fundamentals Certification** and **Search Mastery Certification** for Sumo Logic.
- Earned **Fundamentals Certification** for Jira and Confluence.