

GERMAIN AKENJI CHI

401 Labore rd, Apt:205 Saint Paul, MN 55117 • Cell: (612) 669-3963 • Email: germainchi43@gmail.com
(Portfolio: <https://boychapz.github.io/Bootstrap-Portfolio/portfolio.html>)

SUMMARY

Dedicated, hardworking and highly motivated Software Engineer with a Certificate in Full Stack Web Development from the University of Minnesota and a bachelor's degree in Computer Science from the University of Information Science and Technology, Saint Paul the Apostle. Pursuing my computer science degree introduced me to the world of web development building technical skills in JavaScript, React, REST API, HTML, and MongoDB. I strive to build robust, creative, and purpose-built applications that exceed client and employer expectations.

SKILLS & EXPERTISE PROFILE

- **Computer Software & Language:** HTML, CSS, Java, Javascript, Bootstrap, jQuery, Node.js, Express.js, React.js, Angular.js and Ionic Framework, Foundation, Materialize CLI, MongoDB, MySQL, Command Line, Git, API, MATLAB, Microsoft Azure cloud computing, MERN Stack, Git, MySQL, ES6, Sequelize, React, JSX, Jest, Travis CI, Webpack.
- **Relevant Coursework:** Programming (C, Javascript, Angular.js and Ionic Framework), Algorithms and Data Structures, Network Architecture, Communications Protocols, Digital Signal Processing, Software Engineering, Operating Systems, Database systems, Morphological Filters, Coding Theory, Internet Technologies, Web Design
- **Soft skills:** Back-end Developer, Front-end developer, Full-stack developer, Written and Verbal technical communication, problem solving, Adaptability & flexibility
- **International experience:** International residence and travel, proficient in French language

EDUCATION & TRAINING

University of Information Science and Technology, "Saint Paul the Apostle."
BS in Computer Science

Ohrid, Macedonia
October 2012- January 2017
GPA: 3.2/4.0

- Concentration: Communication Networks and Security
- Thesis: Morphological Cancellation of Binary Noise Particle
 - Utilization of image software and morphological operations to cancel noise effects on an image

University of Minnesota Twin Cities
Full-Stack Web Development Certificate

Minneapolis, MN
Completed May 2020

- Coding bootcamp focused on Full Stack Web design and development

PROFESSIONAL EXPERIENCE

MAXIMUS

IT Tech Support – Tier III

St. Paul, MN
November 2018-Present

- Knowledge of systems software sufficient to determine if a malfunction is in the hardware or in the software
- Analyze code to find and correct problems.
- Develop and maintain integrations, feeds and related batch processes.
- Edit configuration code lines to better adopt to clients' specification
- Provide application support for newly developed applications and provide feedback to developers
- Writing and creating documentation for knowledge base and new employee training.

BIBLIOTHECA

IT Support Specialist

Oakdale, MN
June – November 2018

- Troubleshoot and develop technical solutions related to software and system errors for field engineers, technicians and customers.
- Write and implement scripts to optimize functionality of systems

SOFTWARE DEVELOPMENT PROJECTS (detailed descriptions in Portfolio)

TRAVEL MASTER

- Created an application using APIs to provide 5 days weather forecast, fun facts and information relating to any geographical location.

- Conceived and executed web design that solved a real-world problem by integrating data received from multiple server-side API requests.
- Collaborated with team using agile development methodologies and implemented feature and bug fixes using the git branch workflow and pull requests.
- Created a button for an Ajax API call to the Yandex Translate API, translating features of the page to different language based on the user's preference
- Assisted with design of user interface using Foundation CLI Framework for design and setting routes for page navigation.

CREATE QUIZ

- Created a Full Stack application using MySQL data base to store quiz information, and Node js for the server-side API
- Designed and built a Full Stack app using the MVC paradigm and server-side APIs with testing, continuous integration and linting tools.
- Set up HTML routes and API routes which connected the front-end and back-end of the application, sending requests to the server-side API on the back-end and provided response to the front-end
- Used JavaScript and jQuery to set up onclick events, bug fix and test application during development to increase response on different environments.

SUGAR RUSH

- As a team of 4 we created a MERN Stack application, I assisted in configuring the Mongo database implementing CRUD functions for persistent storage.
- Using React I added a splash screen to improve user experience between moving to and loading different pages.
- Linked database to the front end, so new user input can be saved directly to front end and requested information stored in database can be retrieved.
- For user authentication to login under user account, we used Passport Authentication and Materialize CSS Framework for front-end styling.

AWARDS & RECOGNITIONS

- | | |
|--|-----------|
| • Organization of American States (OAS) Scholarship Recipient | 2012-2017 |
| • CodeFest Participant on behalf of University of Information Science and Technology. | |
| • MAXIMUS Ace Award Winner and the Golden Wrench Award | 2020 |

LEADERSHIP AND COMMUNITY INVOLVEMENT

- | | |
|---|-----------|
| • International Student Organization President | 2015-2017 |
| • Red Cross Ohrid Macedonia Volunteer | 2016-2017 |
| • Cultural Exchange Program Summer Work and Travel Participant | 2015-2016 |
| • University of Information Science & Technology Student Tutor | 2013-2017 |

