

# Samiha Chabane

Lansdale, PA | (267) 218-6615 | [chaban.samiha@gmail.com](mailto:chaban.samiha@gmail.com)

## OBJECTIVE

Motivated and detail-oriented software developer with internship experience in front-end development and data visualization. Skilled in CSS, HTML, Java, JavaScript, Python, React, Git, and Bitbucket, with a strong foundation in collaborative software development. Seeking an entry-level position to further develop technical skills and contribute to a dynamic development team.

## PROFESSIONAL EXPERIENCE

**Operator/Assembler** | Avo Photonics – Horsham, PA January 2025 – Present

- Follow defined processes to assemble opto-electronic systems
- Maintain high quality standards
- Operating precision automated and manual equipment

**Front-end developer Intern** | Pacific Northwest National Laboratory – Richland, WA | September 2024 – December 2024

- Develop and maintain components using React for web applications, focusing on user friendly and responsive interfaces.
- Collaborate with a team of developers using Git for version control and Bitbucket for code repository management, following branching and merging best practices.
- Assist in debugging, testing, and improving code quality to ensure optimized performance and compatibility across various browsers.
- Participate attending daily stand-ups and contributing to code reviews, feedback sessions, and team planning meetings

**Data analyst Intern** | Pacific Northwest National Laboratory – Richland, WA | August 2023 – April 2024

- Data visualization and machine learning methods including clustering and outlier detection methods using Python.
- Build a graphical user interface for mass spectrometry outputs analysis using Python libraries like Tkinter, Pandas and Numpy.
- Test and validate software solutions using unittest library.

**Server / Customer Service** | Zullee Restaurant- Richland, WA June 2020 – June 2023

- Serve food and maintain high quality table service to customers daily.
- Organize large reservations and special requests efficiently and accurately.
- Resolve complaints quickly and efficiently while keeping the customer's best interests.

**Math Teacher** | Ait Aissa Mimoun High School Tizi-Ouzou, Algeria Sept 2012 - July 2019

- Developed and implemented plans for the curriculum program assigned.
- Prepared lessons that reflect accommodation for individual student differences.
- Consistently assessed student achievement through formal and informal testing.

## Education

**Associates of Applied Science in Computer Science** June 2023

Programming and Software development

*Columbia Basin College, Pasco, WA*

**Google IT Support Professional Certificate** June 2021

*Goodwill Industries of The Columbia*

**Bachelor's degree in Operational Research** June 2009

*Mouloud Mammeri Université, Tizi-Ouzou, ALGERIA*