




## CONTACT

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 bernard-As (github)

 Girne

## EDUCATION

### A-Level

College Catholique St Jean-Paul II  
2015-2022

### Software Engineering

Rauf Denktas University

2022-now

Graduating in Spring 2024

## AWARDS AND HONORS

- Awarded for academic excellence
- Scholarship providing financial support to pursue studies

# M. Bernard D. M. Assogba

Software Engineering Student

## SUMMARY

Dedicated software engineering student with hands-on experience in web development, data science, and IT support. Skilled in designing and optimizing systems using modern programming languages and frameworks. Passionate about leveraging technology to solve real-world problems with a focus on scalable and efficient solutions.

## EXPERIENCE

### Teaching Assistant

Spring 2023-Present

Department of Software Engineering , Rauf Denktas University | Lefkosa

- Provided support to students during lab sessions and office hours.
- Conducted tutorials and review sessions to reinforce mathematics and programming courses content.

### IT Assistant

Jan 2024-Present

Rauf Denktas University | Lefkosa

- Assisted the IT office in installing and troubleshooting hardware and software issues for staff and students.
- Helped maintain and update the IT inventory, including tracking equipment and software licenses

## PROJECTS

### Lecture Scheduling System

February 2023-Now

Department of Software Engineering , Rauf Denktas University | Lefkosa

- Collaborated with RDU Data Science Research Group to develop the school's scheduling system.
- Maintaining and updating the scheduling system to ensure its efficiency and accuracy.
- Utilizing programming languages and tools such as JavaScript (React), XAMPP(Apache), PostgreSQL, pgAdmin and mark-up language to implement the system.

### School Websites Development

2023

Department of Software Engineering , Rauf Denktas University | Lefkosa

- Participated in the creation of various school websites, including:
  - Club Portal: Developed a portal to manage club activities and member interactions.
  - Student Support Website: Built a platform to provide resources and support for students.
- Involved in both the front-end and back-end development using React, React-Typescript, Laravel 10, Django Rest Framework .
- Regularly maintained and updated these websites to enhance functionality and user experience.

### CodeCluster

Jan 2024

Department of Software Engineering , Rauf Denktas University | Lefkosa

- A web application for uploading, storing and sharing school related projects

## ABOUT ME

Age: 21

Date of Birth: 20-08-2003

Education Status: Undergraduate

## RESEARCH AND INTERESTS

### Research Experience

- Data Science Research Group
  - Faculty of Computer Science, Rauf Denktas University, January 2023 – Present
  - Participated in the creation and optimization of the school course scheduling system.
  - Conducted research on machine learning algorithms for data analysis.
  - Co-authored a paper on an academic scheduling system (end 2024) (*publication process*).

### Areas of Interest

- Software Engineering
  - Focused on agile methodologies, software design patterns, and code optimization.
- Web Development
  - Interested in front-end and back-end development, particularly with JavaScript, Rust and Python frameworks.
  - Selective forward unit (sfu) for optimize communication on web interface (video, audio, end-to-end encrypted communication)
- Data Science and Machine Learning
  - Passionate about data analysis, machine learning, and data visualization techniques.
- Artificial Intelligence
  - Exploring natural language processing, neural networks, and deep learning applications.

## SHOWCASE

Github: <https://github.com/bernard-As>

RDU Scheduling system:

<https://timetable.rdu.edu.tr/welcome>

## SKILLS

### Technical Skills

- **Programming Languages:** Rust (Introductory knowledge), PHP, Python, C/C++, C#, JavaScript, SQL, HTML/CSS
- **Frameworks and Libraries:** Laravel, React, Angular, Django, TensorFlow, Scikit-learn, Mediasoup
- **Tools and Technologies:** Git, Docker, gcloud, phpMyAdmin, pgAdmin, SQL Server Management Studio (SSMS), MySQL workbench
- **Databases:** NoSQL(Introductory knowledge), MySQL, PostgreSQL, SQLite
- **Software and IDEs:** Visual Studio Code, Visual Studio

### Soft Skills

- **Communication:** Ability to clearly explain technical concepts to non-technical stakeholders.
- **Teamwork:** Experience working collaboratively in group projects or development teams.
- **Problem-Solving:** Strong analytical skills to troubleshoot and debug code.
- **Time Management:** Ability to manage multiple tasks and meet deadlines.

## REFERENCES

### Prof. Hasan Ali Bicak

Rector of RDU

Email : [hasan.bicak@rdu.edu.tr](mailto:hasan.bicak@rdu.edu.tr)

### Asst.Prof.Dr. Lawrence Farinola

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