

## Emil Sayahi

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## Experience

### Technology Consulting Intern

#### Protiviti

Remote (May 2024 - August 2024)

- Assisted in business platform transformation (BPT) project for a client in the automotive industry.
- Developed SAP BusinessObjects reports and universes in Web Intelligence and Information Design Tool.
- Wrote Python script to create client deliverables for the project.

### Software Engineer Intern

#### HCLSoftware

Remote (May 2023 - August 2023)

- Backend and frontend development on core team for IBM UrbanCode Velocity & HCL Accelerate.
- Contributed to migration of Docker Compose V1 to V2 for microservices.
- Designed and implemented customer-facing UI in React for major release item.

### Teaching Assistant

#### Miami University

Oxford, OH (August 2022 - December 2023)

- Assisted in Systems I and Fundamentals of Programming courses.
- Assisted students in lab sessions, held office hours, and graded assignments.
- Material included C++, Java, networking, computer architecture, and relational databases.

### Software Engineer Intern

#### Miami University

Oxford, OH (May 2022 - May 2024)

- Automating IT Service Management (ITSM) practices using Amazon RDS, MySQL, Python, and TeamDynamix iPaaS.
- Data integration projects included synchronising data between FM:Interact and TeamDynamix.
- Developed an automated assistant using GPT-4 to handle support requests using the university knowledge base.

## Projects

### Oku

#### Creator

Recipient of an NLnet grant through

## Education

### Bachelor of Science (BS), Computer Science

Miami University, Oxford, OH (August 2021 - May 2024)  
GPA: 3.81

## Skills

### Languages

Rust, C#, Java, JavaScript, C++, R, Python, D, SQL, HTML, CSS

### Technologies

GTK, .NET, React, Apollo GraphQL, Docker, Kubernetes, MongoDB, MySQL, GitHub Workflows

## Presentations

### Introduction to Quantum Machine Learning

Miami University, Oxford, OH (November 2023)

Talk given at the Miami University Physics Department seminar on introductory concepts surrounding quantum computing, machine learning, and the intersection of the two fields.

### Automation in IT Service Management

Wright State University, Dayton, OH (May 2023)

Talk given at the 2023 Ohio Higher Education Computing Council (OHECC) conference detailing strategies to automate ITSM practices in higher education institutions.