

DENNIS KAMAKEI YIAILE

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EDUCATION

HAVERFORD COLLEGE, Haverford, PA

Expected Graduation: Dec 2024

Bachelor of Science in Computer Science,

Relevant Coursework: Analysis of Algorithms, Data Structures, Object-Oriented Programming, Data Science, Machine Learning, Discrete Math, Concurrency, and Co-Design in Operating Systems

SKILLS

Languages: experienced in Python, C#, Java, Javascript, CSS, and HTML; familiar with SQL, PHP

Frameworks & Libraries: .NET, Django, Flask, GitHub, Bootstrap, Matplotlib, NumPy, Pandas, Jupyter Notebooks

WORK EXPERIENCE

Software Engineer Intern

Redmond, WA

Microsoft

May 2023 – Aug 2022

- Developed an AI-powered solution using C# and .NET Core to automate customers' Azure Usage Billing to enhance efficiency, cost savings, and customer satisfaction

Software Engineer Intern +PM(Explore) Intern

Redmond, WA

Microsoft

May 2022 – Aug 2022

- Built, managed, and deployed AI solutions that leverage Azure Cognitive Services and Azure Applied AI services using C#

IT Student Specialist

Haverford, PA

Instructional & Information Technology Services, Haverford College

Sep 2023 – Present

- Utilized software development tools and technologies to troubleshoot and resolve software-related issues for students and staff

Employer Relations Student Specialist

Haverford, PA

Center For Career And Professional Career Advising

Sep 2021– May 2023

- Provided accurate job and internship information to Haverford College students and alumni through the Handshake app
- Published jobs, internships, career-related events & programs, and approved employers on the Handshake application

Account Executive Intern

Nairobi, Kenya

Equity Bank

Feb 19 – June 19

- Processed ATM debit cards for 400 new customers using the Financial Software Application
- Processed over 100 daily reconciliations for the financial department using Microsoft Excel

PERSONAL PROJECTS

[“Uwezo Achievers”](#) (Python, Django, Javascript, HTML, CSS, Visual Studio)

Sep ‘21

- Developed from scratch a fully responsive website that provides access to high school and undergraduate scholarships for under-resourced Kenyan primary and high school graduates

[“Akhan”](#) (Javascript, Bootstrap, CSS, HTML)

Dec ‘20

- Designed, from scratch, a web page to help Ghanaian Children identify their traditional names

[“PizzaShop”](#) (jQuery, HTML, CSS)

Oct ‘20

- Build a fully responsive website that allows Nomads to order 1 out of 9 pizza varieties online

ACADEMIC PROJECTS

Concurrent Course Registration System (Java, IntelliJ)

Spring ‘23

- Designed a course registration model for student threads to enroll and drop courses concurrently without deadlock

LEADERSHIP

Co-Founder of “Friends Of Tenwek High School” Bomet, Kenya

Jan 2018 – Dec 2019

FOTH is a non-profit that provides needy and underrepresented students in tech with mentorship and learning materials

- Partnered with 291 Tenwek High School alumni to raise \$10,000 to pay school fees and buy laptops for 10 students

AWARDS AND INTERESTS

Awards: [Equity Leadership Program](#) Internship Award

Organizations: [CodePath](#) student, [Code For Philly](#) & [Havercode](#) member, [KPMG The Future of Tech Summit](#) 2021 Fellow