

# Nana Osei Asiedu

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## EDUCATION

### Calvin University

*Bachelor of Science in Computer Science, plus Communications*

Grand Rapids, MI

May 2026

#### Relevant Courses:

*Data Structures and Algorithms, Web Development, Operating Systems and Networking, Software Engineering, Computer Architecture.*

## PROJECTS

### KnightConnect

September 2024 – December 2024

*Events App | React Native, Typescript, Expo, Postgresql*

- Worked in a group of 5 to build a mobile app that provides students with the ability to view, schedule and set reminders for school events.
- Designed and implemented a consistent UI using component based architecture and react native ui libraries.
- Implemented together with the team, the sql data service hosted on azure.
- Implemented CI/CD using github workflow to manage deployment of new releases of the client and data service.
- Used project management tools like Trello and Slack to facilitate an agile development work environment.

### Luhu App

January 2024

*Movie WebApp | JavaScript, HTML, CSS*

- Retrieving data from moviesdb.org api with an auth key and dynamically updating the DOM with the data retrieved using various fetch methods.
- Incorporating slider library to produce beautiful sliders.
- Working with multiple git branches to track incremental additions to the functionality of the site.

### Murder Mystery

May 2019

*Python | Jupyter Notebooks*

- Built a natural language processing engine to analyze various writing samples, and solve a fictional murder mystery using text analysis.

### Introduction to Computing Project

May 2018

*Python, Pygame*

- Built a basic python ping pong game with multiplayer support.
- Utilized various python libraries such as pygame.

## EXPERIENCE

### Web Developer

September 2023 – March 2024

*Freelance | React, Tailwind, JavaScript*

- Refined user interface of the website of an NGO, implementing responsive design principles.
- Migrated the website to a component based structure using react components from ui libraries like shadcn in order to maintain a consistent interface.

### Technical Support Intern

May 2023 – September 2023

*Bohten*

*Accra, Ghana*

- Resolved software and hardware issues on site, ensuring optimal performance through weekly maintenance.
- Introduced a ticketing system using FreshDesk to manage support requests.

### Intro to CS Teaching Assistant

Jan 2023 – May 2023

*Calvin University*

*Grand Rapids, MI*

- Assisted instructors by grading exams and editing class slides as needed.
- Prepared weekly lab materials for students.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL (Postgres), JavaScript/Typescript, HTML/CSS

**Frameworks:** React/React Native, Node.js, Jest, Material-UI, Tailwind CSS

**Developer Tools:** Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse