

MICHAEL YAO AMETEKU

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OBJECTIVE: A goal-oriented fourth year computer science student seeking a Software Engineering position

EDUCATION

The University of Akron, Ohio USA, BSc. Computer Science Systems.

August 2018 – Present

- GPA: 3.88/4.0,
- Scholarships: Hower Honors Scholarship, Klages Memorial Scholarship, Akron Guarantee Scholarship

WORK EXPERIENCE

Software Development Intern, Novvia LLC, Columbus, Ohio

Jan 2020– to Date

- Apply object-oriented design patterns like singletons and adapters to improve application state management.
- Created the foundation application with the basic parts (login, navigation, etc.) which is now used to fast track the starting of new software projects.
- Build, test and deploy new versions of apps using XCode and android studio.
- Design optimal document database structure to reduce number of reads/writes in apps.
- Apply debugging, error identification and research skills to reduce coding/development time.
- Communicate application development progress results and discuss new tasks with the team.

Residence Assistant, Residence Life and Housing, University of Akron

August 2020– to Date

- Build interest in potential students by applying interactive and persuasive skills during residence hall tours.
- Professionally handle impromptu situations that come during front desk shifts for residents of the halls, overnight residential assistant duties using customer service.

Technical Assistant, Distance Learning Department, University of Akron

August 2019 – August 2020

- Setup smart boards, computers, cameras, and projectors in class before a class session.
- Implement problem solving procedures when providing technical assistance/troubleshooting devices for lecturers during class sessions when the technology fails.

SKILLS:

- **Hardware:** Arduino, NXT && EV3 robots
- **Software:** Android Studio, Firebase, Blender3D, Visual Studio, PowerBi,
- **Languages:** C/C++, Dart/Flutter, Javascript, CSS, HTML, Git
 - Prior experience: Kotlin, Python, Java, PHP, MySQL, typescript
- **Actively Studying:** React.js

ACTIVITIES:

- Built a web application for renting out personal ford cars using expressJs with the ford API for the backend and flutter with Firestore for the frontend and database.
- Applied knowledge in JavaScript, node.js, and bootstrap, to create a polling web application that takes in any number of questions and displays graph on the polling results page.
- Built a website for receiving incentives from recycling waste using JS, HTML and CSS.
- Built a fundraiser web application using Flutter for the frontend and firebase for the backend for tracking the total number of people who donated to the fundraiser and picking out a random person for raffles.
- Built backend application for detecting unwanted objects in an area through cameras using machine learning (C++ and python) and googles firebase. (Won most technically difficult hack and most impactful hack in the Hack Ohio 2020 hackathon).
- Church, youth president (2015-2018),
- **Volunteer Work:** Mormon Helping Hands- August 2016,2017,2018.

GitHub: [ameteku \(michael ameteku\) \(github.com\)](https://github.com/michael-ameteku)

Devpost: [Michael Ameteku's \(ameteku\) software portfolio | Devpost](#)

