



# Cathrine Abigael Christy

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## ABOUT

Highly motivated and hard-working student of Computer Science that is passionate about UI/UX, Web Development, and Software Engineering. Having a strong desire to learn is what drives me to keep going. I will not miss the opportunity to learn new skills and thrives on challenges through internships or side projects in order to increase my qualities as an Information Technology Expert.

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## EXPERIENCES

### UBAYA Directorate of Information Management System

(April 2022 - March 2023)

Student Employee

- Design, develop, maintain and troubleshoot websites
- Gather, analyze, or document user feedback to locate or resolve sources of problems
- Collaborate with development teams to discuss, analyze, or resolve usability issues
- Test new software packages for use in web operations or other applications
- Recommend website improvements, and develop budgets to support recommendations
- Provide training or technical assistance in website implementation or use

Part-Time WordPress based Website Developer

(December 2021 - January 2022)

Create a website for Mechanical and Manufacturing Engineering University of Surabaya that contains profiles, curriculum, announcements, agendas, events, contacts, resources, and galleries of the study program

### PT Prosa Solusi Cerdas (Prosa.ai)

(February 2022 - July 2022)

UX Designer Intern (Prosa Conversa Chatbot SaaS Development)

- Planning and conducting user research through interviews and competitor analysis
- Interpret qualitative data and feedback
- Create user stories, personas and storyboards
- Define information architecture and create sitemaps
- Create prototypes and wireframes
- Responsible with copywriting
- Do usability testing

### Informatics Engineering University of Surabaya

(August 2021 - October 2022)

Software Engineering Assistant Lecturer

- Help students that have any problem understanding the lecturers
- Discuss exercises and quizzes given by the lecturers
- Provide additional classes outside the mandatory class for students who want to deepen the material
- Conduct consultations for students about course projects
- Recap the student's progress in working on course projects
- Create enrichment exercises for students to deepen the material



Web Journalist

(January 2022 - October 2022)

- Develop and maintain the Faculty of Engineering Website
- Manage and write articles on faculty and departmental activities

Web Programming Assistant Lecturer

(February 2022 - March 2022)

- Help students that have any problem understanding the lecturers
- Discuss exercises and quizzes given by the lecturers
- Provide additional classes outside the mandatory class for students who want to deepen the material
- Conduct consultations for students about course projects
- Recap the student's progress in working on course projects
- Create enrichment exercises for students to deepen the material
- Assess student projects

Algorithm & Programming Assistant Lecturer

(July 2021 - November 2021)

- Help students that have any problem understanding the lecturers
- Discuss exercises and quizzes given by the lecturer
- Create enrichment exercise for students to deepen the material

Algorithm Programming Intern Assistant Lecturer

(February 2021 - June 2021)

- Help students that have any problem understanding the lecturers
- Discuss exercises and quizzes given by the lecturer

## **LBB Best Surabaya**

Middle School English Teacher

(June 2021 - December 2021)

- Help middle school students who have problems understanding their school teachers
- Discuss exercises and quizzes given by their school teacher
- Create enrichment exercise for students to deepen the material
- Providing additional classes to prepare for the final exam outside the mandatory class for students who want to deepen the material
- Make class reports that includes the material being taught, student activities, and obstacles that occur when class is held

## **Self-Employed**

Private Mathematics Teacher

(September 2021 - October 2022)

- Help elementary students who have problems understanding their school teachers
- Discuss exercises and quizzes given by the school teacher
- Create enrichment exercise for students to deepen the material
- Make games for ice-breaking sessions that are related to the material being taught

Private English Teacher

(September 2018 - April 2022)

- Help elementary, middle, and high school student who have problems understanding their school teachers
- Discuss exercises and quizzes given by the school teacher
- Create enrichment exercise for students to deepen the material

Private Coding Teacher

(March 2021 - October 2022)

- Design coding learning materials for elementary school children using the 'Scratch' Programming Language
- Teach the material via <https://scratch.mit.edu>
- Create enrichment practice questions for students to deepen the material

Reading-Writing-Arithmetics (Three R's) Private Teacher

(January 2021 - April 2021)

- Design learning materials for kindergarten school children



- Provide lessons that stimulate students' fine and rough motor skills
- Train the discipline and characteristics of students

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## EDUCATION

### University of Surabaya

(June 2019 - January 2023)

**Bachelor's Degree** Computer Science

3.945

Business Information System Study Program

## ORGANIZATIONAL EXPERIENCE

### Warta UBAYA

(January 2021 - January 2022)

Surveyor Division Member

### MOB Fakultas Teknik UBAYA 2021

(March 2021 - August 2021)

Member of the Information Technology Division (Front End)

### Informatics Logical Competition 2021

(September 2020 - January 2021)

Secretariat Division Member

### IT Preneur Festival by UBAYA and Apvokasi Jawa Timur

(June 2020 - December 2020)

Secretariat Division Member

### MOB Fakultas Teknik UBAYA 2020

(June 2020 - August 2020)

Solo Singer Pop Branch Coordinator

### Pelatihan Pemrograman Dasar SMA by Dosen Informatika Universitas Surabaya

(June 2020 - August 2020)

Assistant and Secretariat Division Member

### Latihan Sidang Tugas Akhir Jurusan Informatika Universitas Surabaya

(April 2020 - May 2020)

Event Division Member

### KSM Foto & Media Fakultas Teknik UBAYA

(September 2019 - September 2020)

Manual Art & Printing Division Member

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## PROJECTS

<https://cathrineabigael.github.io>

### SaaS Point of Sales System

A Software-based point-of-sales system that can help companies record and process transactions accurately without having to have experience in the business field. This software as a service provides a simple and inexpensive maintenance and upgrade solution (compared to a system built specifically for a single company) because it is performed by the service provider. This system also provides an opportunity for companies to configure as needed. (Developed using Laravel, made to meet the graduation requirements of a Bachelor's Degree (S1))

### Mahaghora Scholarship Website

<https://beasiswamahaghora.com/>

A website that accommodates the administrative process of the Mahaghora scholarship. Developed using Laravel.

### MOB Fakultas Teknik UBAYA 2021 Website

<https://ubayamobft.com>

Developed using Laravel, the website used for the MOB Fakultas Teknik UBAYA 2021 series of events. It

consists of the client site and an admin site.

- Client site features: download event modules, change the default password, do attendance, view announcements, view rundowns, view violations that have been committed, collect documents, take quizzes, register for art competitions, and get information about ongoing events
- Admin site features: add announcements, update rundown, manipulate master data, reset user password, open and close attendance, add event support video

The original website has been disabled, you can see it on <http://mobft2021.ferdiannovendra.com/public/>.

This website also has a sub-website that is used for event's game, the address is [battlescape.ubayamobft.com](http://battlescape.ubayamobft.com) but unfortunately, this has been turned off too

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## SKILLS

English, Microsoft Office, MySQL, Python, C#, HTML, CSS, PHP, Javascript, JQuery, Laravel, Bootstrap, Framework7, Angular, Typescript, Ionic, Java, Kotlin, Flutter Dart, Wordpress, Scratch Edu, Figma, Adobe XD, Design Thinking, Usability Testing, Adobe Illustrator (Basic), Inkscape (Basic).