

Ignatius Ali Alamsyah Djaynurdin

301 10th St NW Atlanta, GA 30318 | +1(206) 657 0847 | ignatius@gatech.edu | F-1 Visa Holder
linkedin.com/in/alialamsyah/ | ignatiusdjaynurdin.in | github.com/SubugFcz

Objective

Innovative third-year Computer Engineering major with a concentration in Computer Hardware and Emerging Architecture. With a firm programming foundation and computer architecture knowledge. Experienced in hands-on hardware/embedded systems in battery packs and battery monitoring systems for solar-powered electric race cars. Active in organizational management, developing strong social and leadership skills. Seeking a Summer 2023 Internship (May-August).

Education

Georgia Institute of Technology | Atlanta, GA

Candidate for Bachelor of Science in Computer Engineering, Dean's List, GPA 3.50

August 2022 – Present

Expected Graduation: May 2025

Bellevue College | Bellevue, WA

Transfer with 62 Credit Hours, Graduated with High Distinction, GPA 3.96

September 2020 – June 2022

Skills

Programming: Java, C, C++, CSS, HTML, JavaScript, PHP, R, MIPS

Software: KiCad, Linux, Microsoft 365, Adobe Creative Suite

Communication: Design proposals, presentations, poster design (printed and Instagram feeds), edited company profile video

Languages: English (fluent), Indonesian (native), Chinese (beginner)

Experience

Indonesian Student Association Seattle | Seattle, WA

October 2021 – June 2022

Designer / Creative Media

- Designed Instagram posts with more than 1000 likes and 10000 views with Adobe Creative Cloud.
- Collaborated with six students; presented the progress through bi-weekly conferences and a final poster presentation.
- Illustrated UI and revitalized the organization's website.

Indonesian Catholic Student Association Seattle | Seattle, WA

July 2020 – June 2022

Head of Creative Media

- Conceptualized creative marketing and campaign design with more than 40 Instagram posts.
- Designed Instagram posts with more than 350 likes and 3000 views with Adobe Creative Cloud.
- Increased social media engagement by 200%.

Bellevue Indonesian Club | Bellevue, WA

August 2021 – June 2022

Head of Creative Media

- Planned and conceptualized a creative campaign for fundraising with over 4000 views.
- Designed Instagram posts with more than 200 likes and 3000 views with Adobe Creative Cloud.

Relevant Coursework

Digital System Design: Design layers of a computing platform from switches and wires to a programmable machine.

Data Structures and Algorithms: Work with advanced data structures used in software development and become familiar with sorting algorithms.

Circuit Analysis: Understanding of the concepts of voltage, current, power, and energy, also solving DC, AC, and transient circuits, circuit elements including voltage and current sources, resistor, capacitors, inductors, transformers, and ideal op amps.

Introduction to High Level Language and Assembly Programming: Thorough understanding of design principles for sequential, procedural programming, the C programming language and MIPS assembly language.

Leadership

Georgia Tech Solar Racing | Batteries and BMS Team Member

September 2022 – Present

- Utilized Riedon Shunt current sensor for the battery pack
- Designed and implemented various system circuit boards for BMS, current sensor, and regulator using KiCad

Moment Hunter | Video Editor/Designer Coordinator

August 2017 – May 2020

- Produced high school's company profile and student admission posters with Adobe Creative Cloud
- Edited graduation videos, student orientation videos, and yearbook posters
- Built unRAID server, Editing PC and LAN gigabit connections across PCs