

# Jonathan

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## Education

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**Universitas Indonesia (UI)** Aug 2018 – Present, Department of Electrical Engineering, Faculty of Engineering

- GPA (7<sup>th</sup> Semester): 3.68 out of 4.00 (Cum laude)
- Majoring in Computer Engineering, learning about computer networking, embedded systems and software development as a whole that includes certain certifications especially in the networking sector.

**Tarsisius Vireta Senior High School** Jul 2015 – May 2018

- Top 10 Best Student of 2018 Graduation Year

## Work Experience

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**Chief Technology Officer of Corn Learning (Education Startup)** January 2021 – August 2021

- Decision-maker of the software development in Corn Learning.
- Holding multiple position as the product manager and also the full-stack engineer of Corn Learning website which improve and also maintain the state of the website.
- One of the decision makers for the future of Corn Learning such as business model, branding, development planning and also programs to fund and boost the company.

**Full-Stack Web Developer Intern of Corn Learning (Education Startup)** August 2020 – January 2021

- Hired as a full-stack web developer intern for my non-existent working experience but have developed 80% of the website (<https://www.cornlearning.com>).
- Developed the website using React JS as the frontend framework and Node JS as the backend framework.
- Impacted the decision of the developing by introducing new method and exploring new things to improve the website features such as authentication, database management or documentation.

## Organization Experience

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**Director of Human Resource Development IEEE Student Branch Universitas Indonesia** January 2021 – Present

- Managing human resource of IEEE Student Branch Universitas Indonesia by managing the talents' registration as well as coordinating the interviews from making the term of reference until the process of interview.
- Hold events to improve skills of members and talents of IEEE Student Branch Universitas Indonesia such as webinar, workshop or private lectures.

**Manager of Member Acquisition IEEE Student Branch Universitas Indonesia** January 2020 – December 2020

- Managing registration and progress of IEEE members as the person in charge
- Interacted with varying type of IEEE members that varies in ages and positions across Universitas Indonesia
- Liaison Officer for Director General Ministry of Communication and Informatics for IEEE Student Congress (A national event held by IEEE Indonesia Section)

**Expert Staff of Ikatan Mahasiswa Elektro Universitas Indonesia** January 2020 – December 2020

- The first expert staff in Research and Development Division in the last 4 years, revolutionize new program to further enhance evaluation of the organization
- In charge of managing relation inside the division and give guidance to the newly recruited staff of the division

## Projects and Volunteers

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- Backend Development of CENS UI Website, done by using node JS and mostly worked on file uploading to the website (2020)
- Arduino Projects such as line follower robot, automatic sterilizer and garden maintenance automation using temperature and humidity sensor (2018 – 2020)
- Fundraising for AKSIOMA (Aksi Sosial Mahasiswa) Faculty of Engineering Universitas Indonesia 2019 as Person-In-Charge (2019)
- Project Manager of Revamping CerindoCorp Website and creating CMS for the website using React and Strapi.JS. Deployment done in AWS EC2 (Ubuntu 18.04) and NGINX as its web server.
- Developing Website for Bikin Event on <https://bikinevent.id> as Backend Engineer and also DevOps Engineer. Developing all the API using Node.JS and Socket.IO for real-time chat feature on the client-side. Building simple CI/CD using Jenkins on Ubuntu Server (AWS EC2 Instance)

## Skills

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- Programming Language: C, C++, C#, Python, MATLAB, Javascript, Java, Kotlin, PHP
- Technology Expertise: HTML, CSS, XML, React JS, Node JS, Linux, MongoDB, Google Firebase, PostgreSQL, Express, XAMPP, Computer Networking, Laravel, Android Studio, Netlify, Swagger, Heroku, AWS, GCP, Strapi.JS, NGINX
- Spoken Language: Indonesia and English

## Licenses and Certifications

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- Google IT Automation Professional Certificate (Credential ID 9BYMTPCG8CHK)
- Google IT Support Specialization Professional Certificate (Credential ID MGADHJVSGQ53)
- CCNA 1: Introduction to Networks
- CCNA 2: Switching, Routing, and Wireless Essentials
- CCNA 3: Enterprise Networking, Security, and Automation