



PERSONAL INFORMATION

ARI PRATAMA ZHORIFIANDI



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Sex Male | **Date of Birth** 04/16/1997 | **Nationality** Indonesia

Research Interest Security and Privacy, Cloud Computing, Distributed Systems

WORK EXPERIENCE

(2016 – Present) The University of Chicago

Student Researcher

Doing research remotely in Security and Privacy, Cloud Computing and Distributed Systems at GIK (Garuda Ilmu Komputer) Lab which is supervised by Professors from University of Chicago

(2016 – Present) Football Association of Bandung Institute of Technology (ITB Football)

Head of Futsal Association

Responsible to coordinate all futsal trainings and competitions in Bandung Institute of Technology.

(2016) Startup company: Céntras

Founder and Landing Page Maker

Founding Céntras, a startup company. Céntras is a mobile platform which helps people to collaborate based on competency for various productive purposes. Taking project to create landing page of the company using HTML5, CSS3, JavaScript, Bootstrap, JQuery.

(2015 – Present) Informatics Student Association of Bandung Institute of Technology

Staff of Marketing Division

Managing advertising, promotions, public relations and sales of IIT's products. IIT (Inkubator IT) is a department at informatics student association that receives some projects in developing software.

(2015) Beaucoup Apparel (Clothing Company)

Landing Page Maker

Taking project to create landing page of the company using HTML5, CSS3, JavaScript, Bootstrap, and JQuery.

PROJECT EXPERIENCE

- November 2016 **Sliding Window Protocol and Flow Control**
Implementing Sliding Window Protocol Algorithm and Flow Control for transferring file via UDP. It's written in C++ language.
- November 2016 **Saleproject : Online Shop with Chat Feature**
Online store with chat feature and implement SOAP and REST API. Chat feature is implemented using AngularJS and Firebase Cloud Messaging. The Web Architecture is using SOAP Web Service and REST API. It's written in Java Servlet and JAX-WS. We use MySQL for Database.
- November 2016 **Data Classification based on Machine Learning**
Classifying data using Weka API but We implemented the algorithm. We implemented Feed Forward Neural Network and Naive Bayes Algorithm written in Java.
- October 2016 **Saleproject : Online Shop with "Vanilla Programming"**
Developing this online store website **without any framework**. The Back-End is simply just using PHP, JavaScript and MySQLi for Database Management. The Front-End wasn't using bootstrap, it's just using plain CSS. I also implemented AJAX (with JavaScript) in this website.
- October 2016 **Client Agent/Node for Munin Monitoring Application**
Client agent (Node) for Munin Monitoring Application. This node will serve munin requests from localhost or from other address and also can serve other application requests (Multi Clients). This program only runs in Unix. The program is written in C language.

- October 2016 **Class Scheduling using Local Search**
Local Search applied in Artificial Intelligence Problem. This is a Web-based Application for **scheduling courses** implemented 3 algorithms: Hill-Climbing Search, Simulated Annealing, and Genetic Algorithm. We developed it using ASP.NET MVC and JQuery and Bootstrap for its Front-End.
- September 2016 **FriendChise - Website for Franchise Monitoring**
The system assists the franchisor to monitor their sales and stocks for each of their franchisee. The system also provides some mechanisms to **choose strategic place for franchisee to start their business**. The Application is developed with Laravel Framework.
- April 2016 **Twiturang: Twitter's Tweets Disposition**
Twiturang, a web-based application for **grouping Twitter's Tweets** into several categories, is developed using ASP.NET Web Form. This application uses Twitter API to get the Tweets and implements Knuth-Morris-Pratt Algorithm and Boyer-Moore Algorithm for grouping those tweets.
- April 2016 **Vniverse: Mini Games based on Object Oriented Programming**
A game where players must kill other creatures to get stronger while other creatures are attacking players too. This game implemented object-oriented programming and multi-threading. This game is developed using Eclipse IDE for Java.
- March 2016 **Landing Page for CÉNTRAS**
Landing page for Startup Company: CÉNTRAS using HTML5, CSS3, JavaScript, Bootstrap, and JQuery.
- March 2016 **Path Finding from Labyrinth with Lego Mindstorm EV3 Simulator**
Writing code for Path Finding from Labyrinth with Lego Mindstorm EV3 Simulator. The code implemented BFS (Bread-First Search) Algorithm and DFS (Depth-first Search) Algorithm. The code is written in C language.
- February 2016 **Mini Winzip: File Compressor**
A desktop application for Compressing and Decompressing Files. This program implemented Huffman Algorithm. This was developed using C++ and Windows Form.
- December 2015 **Landing Page for Beaucoup Apparel**
Created a Landing Page for local brand "Beaucoup" using HTML5, CSS3, JavaScript, Bootstrap, and JQuery.

EDUCATION

- 2014 -2018 **Institut Teknologi Bandung (ITB)**
Computer Science
GPA 3.61 of 4
General
- English
 - Anti-Corruption Education
- Occupational
- Artificial Intelligence
 - Computer Network
 - Database Management
 - Web-based Development
 - Object Oriented Programming
 - Human Computer Interaction
 - Software Project Management
 - Computer Organization and Architecture
 - Operating System

AWARDS

- September 2016 **Top 10 National Finalist of Compfest 8 Hackathon 2016**
Issuer: Universitas Indonesia
- April 2016 **TOP 6 ITB Innovators Move 2016 (ITB InMove)**
Issuer: Institut Teknologi Bandung
- March 2016 **1st Runner-Up - Digital Economy Initiative Hackathon Competition**
Issuer: MASTEL & APJII
- September 2015 **Best Idea in Inkubator IT Idea Challenge 2015 (IITIC)**
Issuer: HMIF ITB